The effects of nuclear weapons. Credible nuclear deterrence, debunking "disarm or be annihilated". Realistic effects and credible nuclear weapon capabilities for deterring or stopping aggressive invasions and attacks which could escalate into major conventional or nuclear wars.

Saturday, March 14, 2020

Gas masks or EH20 escape hoods as an alternative to economic disruption due to coronavirus covid-19

UPDATE: see "Rational use of face masks in the COVID-19 pandemic", *The Lancet,* Britain's premier medical journal, **https://www.thelancet.com/action/showPdf?pii=S2213-2600%2820%2930134-X**: "It would be reasonable to suggest vulnerable individuals avoid crowded areas and use surgical face masks rationally when exposed to high-risk areas. ... In addition, vulnerable populations, such as older adults and those with underlying medical conditions, should wear face masks if available. Universal use of face masks could be considered if supplies permit. In parallel, urgent research on the duration of protection of face masks, the measures to prolong life of disposable masks, and the invention on reusable masks should be encouraged. Taiwan had the foresight to create a large stockpile of face masks; other countries or regions might now consider this as part of future pandemic plans."

The immense success of Taiwan's mask policy, just 379 cases of covid-19, should make Taiwan the world's model for ending the covid-19 pandemic, please see **https://foreignpolicy.com/2020/04/09/taiwan-is-exporting-its-coronavirus-successes-to-the-world**: "Despite being shut out of WHO [**WHO refuses to recommend masks to end the pandemic**], Taiwan has largely succeeded in containing the coronavirus. ... On April 1, Taiwan announced it would donate 10 million masks to the United States, 11 European countries, and its diplomatic allies. Taiwan’s foreign ministry said on Thursday that a second batch of six million masks would be donated to countries in Asia, Europe and the Americas."

HSE

Health and Safety Executive

Evaluating the protection afforded by surgical masks against influenza bioaerosols

Gross protection of surgical masks compared to filtering facepiece respirators

Jonathan Gawn, Mike Clayton, Catherine Makison & Brian Crook
Health Improvement and Human Factors Groups
Health and Safety Laboratory
Harpur Hill
Buxton
SK17 9JN

SUMMARY

Main Findings

This study focussed on the effectiveness of surgical masks against a range of airborne particles. Using separate tests to measure levels of inert particles and live aerosolised influenza virus, our findings show that surgical masks provide around a 6-fold reduction in exposure. Live viruses could be detected in the air behind all surgical masks tested. By contrast, properly fitted respirators could provide at least a 100-fold reduction.

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- UK Government Health and Safety Executive, Research Report RR619, ***Evaluating the protection afforded by surgical masks against influenza bioaerosols - Gross protection of surgical masks compared to filtering facepiece respirators,*** **https://www.hse.gov.uk/research/rrpdf/rr619.pdf**

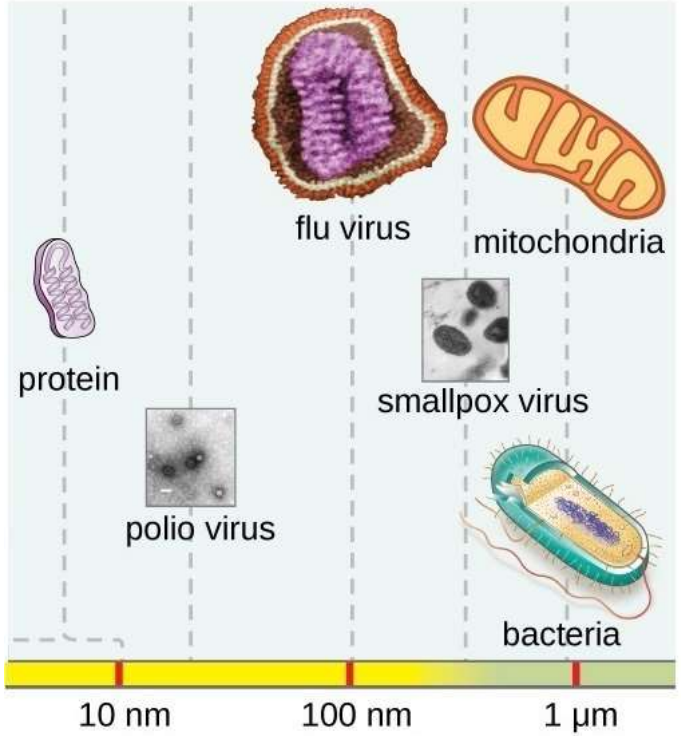
Weird that the UK Government and BBC ignores this report, claiming falsely to maximise deaths that there is "no evidence" to prove that virus inhalation is reduced by respirators by a factor of 100, a complete lie! Note that the mass of viruses in typical sneeze water droplets is insignificant, **so the physical action of the mask in both influenza and covid-19 is the same mechanism regardless of the chemical structure of the different viruses: filtering out typical sub-millimetre diameter water droplets.** The viruses contained in those small water droplets are an insignificant percentage of the mass in either case, so although the different respiratory disease viruses do have a different *biological infectivity* (i.e. probability of locking on to receptors on the surface of cells), **the physical filtering efficiency of a gas mask will be the same in each case, for the similar sized water carrier droplets being considered.**

(The tiny mass of viruses in the contaminating water droplets is analogous to the tiny mass of actual radioactive nuclides in fallout particles of soil or water; the physical macroscopic characteristics of the contaminant and the ability to filter it using masks is determined by the carrier material which forms the greater mass by far, not by the tiny mass of the virus or radioactive nuclide in it.)

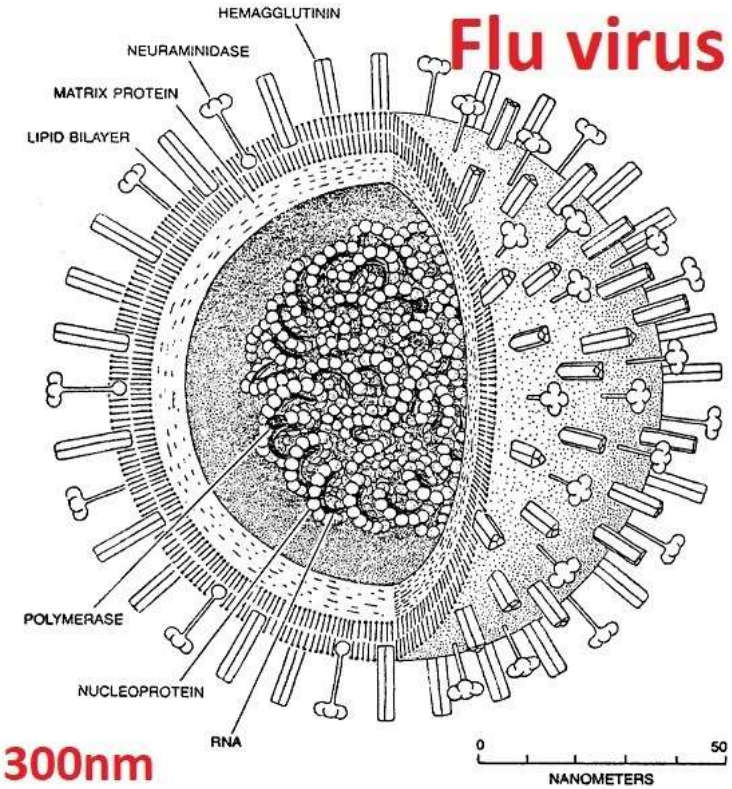
Therefore, experiments on filtering influenza water droplets are applicable to covid-19 virus droplets of similar size; the droplet size distribution is determined by whether the person is talking, coughing or sneezing, not by the type of respiratory disease virus. This is straightforward physics, not speculation.

The flu viruses have an effective diameter less than one micron (i.e. one millionth of a metre). Therefore, the flu virus has a diameter less than 1/1000th of 1 mm diameter water droplet emitted in a sneeze. The respirator works by filtering the water droplets, and the size or shape of the tiny viruses in the water droplets is irrelevant. As the water droplet trapped in the filter of a respirator dries, the virus does not evaporate with the water, but adheres to micro-relief pores in the fibres of the filter.

Covid viruses are the largest known RNA viruses, 30 kilobase-long single stranded RNA, i.e. they are about 10 microns long (since 1 kbase is about 0.33 microns), so they are LARGER than flu and where the physical size of the virus plays a part (for very small exhaled droplets) they will therefore be EASIER to filter than flu viruses. The larger the particle, the easier it is to filter it out:



Virus sizes range from 30nm to 300nm

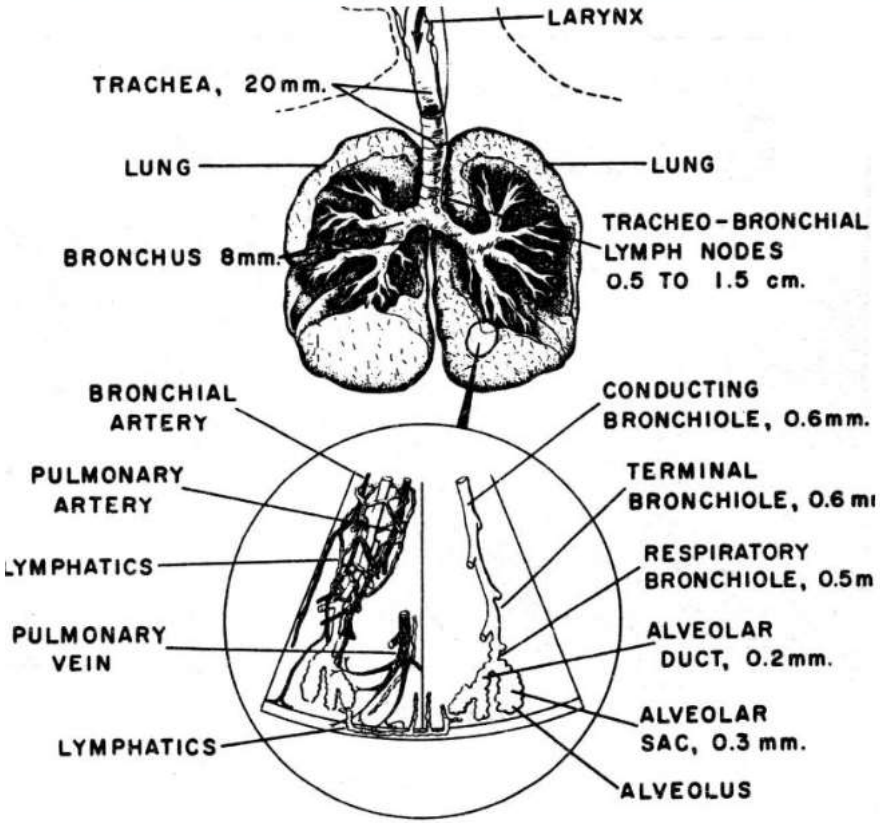


Respiratory Viral Infections

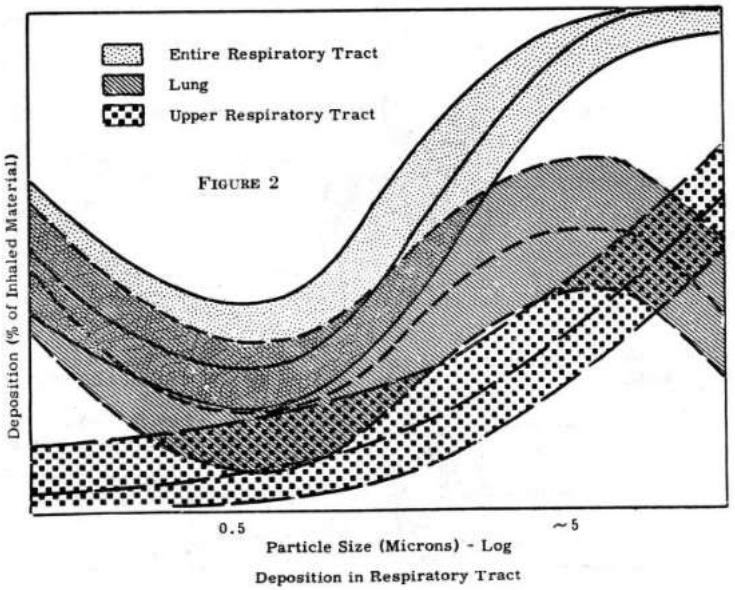
Disease	Flu	COVID-19	SARS	MERS
R_0 Basic Reproductive Number	1.3	3	3	0.3 - 0.8
CFR Case Fatality Rate	0.05 - 0.1%	20%	9.6 - 11%	34.4%
Incubation Time	1 - 4 days	4 - 14 days	2 - 7 days	6 days
Hospitalization Rate	2%	20%	Most cases	Most cases
Annual Infected (global)	~ 1 billion	~ 1 billion	8098 (in 2003)	420

Typical viruses range from 30nm to 300nm in diameter: filters in respirators capture the considerably larger sized water / mucus droplets which contain the virus. Therefore, filtering is effective against a range of respiratory viruses, irrespective of the specific structure of the particular virus. So data from influenza virus filtering is also in general applicable to coronavirus / covid-19.

archive.org/stream/BiologicalAndEnvironmentalEffectsOfNuclearWar/1959-congress-nuclear-war-hearings#page/n138/mode/1up



Both experimental and theoretical data on the deposition of particles with respect to particle size are summarized in figure 2. For decreasing particle size, as would be expected, deposition occurs deepest in the lung. With the increasing particle sizes, deposition occurs in the higher areas of the respiratory tract. A minimum in lung deposition occurs at 0.5 micron, and a maximum at 5 microns. Particles larger than 5 microns are retained by the upper respiratory tract and do not reach the lung. The nasal air passage acts as a trap or filter for these larger particles.



Probability of deposition of particles of different sizes in different parts of the lung as a function of particle size, a graph and diagram from the 22-26 June 1959 US Congressional Hearings on Biological effects of war (testimony by Dr Stanton Cohn of Brookhaven National Laboratory, based upon studies of inhalation of radioactive tracer particles), which we uploaded to Internet Archive years ago (linked here). For 5 micron diameter inhaled particles, 50% go straight into the lung (the alveolar sacs are 300 microns / 0.3 mm in diameter). For particles of larger size than 5 microns diameter, most adhere in the upper respiratory tract, not the lungs. For very small particles 0.5 micron diameter, some particles inhaled can be exhaled without being retained (this happens with cigarette smoke, for example, where very small particles inhaled are then exhaled without being retained). *Extensive research of this type was done at places like* ***Porton in the Cold War for nuclear, chemical particles (some chemical war agents are actually small droplets or particles of smoke, not gas) and biological war agents like viruses sprayed in liquid aerosols from aircraft (Peter Hammond and Gradon Carter, "From Biological Warfare to Healthcare: Porton Down, 1940-2000", Palgrave).*** *Effective CBRN war respirators are therefore needed for small particles, which will not always be filtered out by the smaller filtering layer in simple surgical masks. This is particularly true for those with weak immune systems (the old and those with underlying health issues, such as people undergoing cancer treatments which affect immune response), for whom the infectious dose of virus is smaller than it is in people with stronger immune systems (that can respond must faster).*

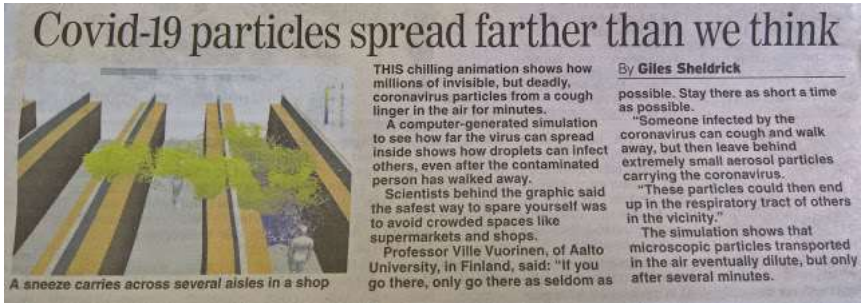
British Medical Journal, **https://www.bmj.com/content/369/bmj.m1435** "Face masks for the public during the covid-19 crisis" - **https://www.bmj.com/content/bmj/369/bmj.m1435.full.pdf** point out that the precautionary principle argues that when thousands of lives are at stake it is better to be safe than sorry, *so we need masks for the same reason that we have lifeboats, seat belts, smoke detectors, etc:*

"In conclusion, in the face of a pandemic the search for perfect evidence may be the enemy of good policy. As with parachutes for jumping out of aeroplanes, it is time to act without waiting for randomised controlled trial evidence. A recently posted preprint of a systematic review came to the same conclusion. Masks are simple, cheap, and potentially effective. We believe that, worn both in the home (particularly by the person showing symptoms) and also outside the home in situations where meeting others is likely (for example, shopping, public transport), they could have a substantial impact on transmission with a relatively small impact on social and economic life."

Wow! They never took that approach to civil defence in the cold war, when they believed USSR propaganda to make the UK vulnerable! The convoluted argument of WHO is that car seat belts make people have more accidents by lulling them into a false sense of security, the same as the anti-gas mask argument. A soldier given a gas mask is not more likely to start a gas war; the other side is less likely to! The idea that the public, properly protected, will spread disease is purely lying Marxist propaganda with no evidence to support it. WHO are rejecting the evidence using a debunked argument based on lies.

Propaganda, anti-mask "fake news" spread to mislead the public by The Guardian and the BBC endlessly parrots WHO deceptions, since they are backed by pro-Marxist political propaganda lobbies which falsely claim that people should be misinformed about masks because all available masks should be reserved for medics (treatment, not prevention of the vulnerable from getting infected and needing treatment in the first place):

Fake news spreading Marxist paper T*he Guardian* hypes up the WHO deception that there is "no evidence" that masks protect healthy people against covid-19. What they should say is that there is ***no evidence*** that washing hands and staying 2 metres apart ***is actually proved to stops all transmission (even the UK government only claims that this is just a measure to reduce the reproduction number to stagger the number of deaths over a longer period of time by "flattening the curve" to avoid an overload of ventilator capacity at any given time, NOT to stop infections and deaths altogether)***, **but proper filtering has been proved to reduce airborne viral transmission by more than a factor of 100**, which could quickly stop the pandemic:



Covid-19 particles spread farther than we think

By Giles Sheldrick

THIS chilling animation shows how millions of invisible, but deadly, coronavirus particles from a cough linger in the air for minutes.

A computer-generated simulation to see how far the virus can spread inside shows how droplets can infect others, even after the contaminated person has walked away.

Scientists behind the graphic said the safest way to spare yourself was to avoid crowded spaces like supermarkets and shops.

Professor Ville Vuorinen, of Aalto University, in Finland, said: "If you go there, only go there as seldom as possible. Stay there as short a time as possible.

"Someone infected by the coronavirus can cough and walk away, but then leave behind extremely small aerosol particles carrying the coronavirus.

"These particles could then end up in the respiratory tract of others in the vicinity."

The simulation shows that microscopic particles transported in the air eventually dilute, but only after several minutes.

A sneeze carries across several aisles in a shop

Above: why washing hands and keeping 2 metres social distancing will NOT stop deaths from covid-19: droplets and covid-19 respiratory aerosols

indoors build up in concentration (the finer aerosols get deeper into the lungs than the larger droplets, so are not safer), and spread far further than 2 metres through the air, not just by hands. But propagandarist BBC's David Shukman circulates deceptive propaganda in the form of "strawman" arguments against masks in which he shows the video of covid-19 droplets spreading (above pic) and then some NHS "expert" or other states that "on balance, people don't need masks outdoors", even though it is about indoor contamination of air in hospital corridors, waiting rooms at surgeries, diagnosis and rooms for cancer or heart disease, supermarkets, shops, offices, buses, trains, tubes, care homes, etc. This sadly is deliberate Dr Goebbels style lying, ***because we could END the pandemic by the massive reduction of the reproduction number of the virus if we all wore efficient droplet filtering gas masks for a week (because, outside the body, the virus only survives a few days on most surfaces except in a refrigerator):***

38 second clip of BBC David Shukman anti masks propaga…

Daily Mail

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As UK faces THREE more weeks' lockdown, Mail reveals ministers' plan for millions

WEAR A MASK IN THE OFFICE

By Jason Groves
Political Editor

OFFICE staff could be asked to wear masks to allow a widespread return to work.

Ministers are discussing ordering the use of protective equipment in the workplace and on public transport, the Daily Mail can reveal.

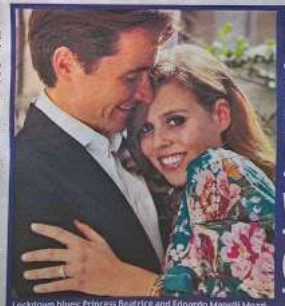
They believe it could be the only way to allow a widespread return to normality once the home lockdown ends. Millions, including factory workers, could be asked to wear masks and gloves while working indoors.

Foreign Secretary Dominic Raab last night confirmed the lockdown will go on until at least May 7, and hinted it could last until June. Mr Raab, deputising for Boris Johnson, acknowledged it was 'tough going'. But he said it would be 'irresponsible' to set a timetable for lifting the lockdown when the virus was still killing hundreds each day.

Ministers are in frantic talks on when and how to ease restrictions during an estimated 18billion a day. As well as a rise in testing and tracing it will mean measures to reduce infection in day-to-day life. The move came as:

- Mr Raab set out five tests for easing the lockdown without a second wave of infection;
- A further 381 patients have died in UK hospitals in a single day;
- Figures showed men are twice as likely to die with Covid-19 than women;
- Melania Trump called Mr Johnson's fiancee to wish them well after his illness;
- A report estimated 6,300 care home

Turn to Page 4



Lockdown blues: Princess Beatrice and Edoardo Mapelli Mozzi

Beatrice's summer royal wedding cancelled

SEE PAGE NINE

By **Jason Groves**
Political Editor

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Ministers are in frantic talks on when and how to ease restrictions costing an estimated £2billion a day. As well as a rise in testing and tracing it will mean measures to reduce infection in day-to-day life. The move came as:

- Mr Raab set out five tests for easing the lockdown without a second wave of infection;
- A further 861 patients have died in UK hospitals in a single day;
- Figures showed men are twice as likely to die with Covid-19 than women;
- Melania Trump called Mr Johnson's fiancee to wish them well after his illness;
- A report estimated 5,300 care home

Turn to Page 4

CORONAVIRUS CRISIS

WHY DON'T WE MASK OUT VIRUS?

These experts all say it can slow the spread. We could get back to work and rescue our economy – so what are ministers waiting for?

PROF TRUSHAR GREENHALGH — "If 100% of population wears them, reduction in amount of virus in air is substantial"

PROFESSOR BABAK JAVID — "There's likely to be an upside to wearing them and practically no downside"

DR DAVID HABAKKUK — "We are saying get societies defended. Yes, we will have to wear masks"

PROFESSOR IAN JONES — "Masks have value, otherwise healthcare workers wouldn't wear them"

DR SIMON CLARKE — "Advising their use could be a way of reassuring people back to work"

SPAIN — ITALY

HOW FACE MASKS GOT THE EU BACK TO WORK

They're vital ... yet we trail world AGAIN

By Dr Martin Scurr

Page 4 CORONAVIRUS CRISIS

Daily Mail, Friday, April 17, 2020

WHY DON'T WE MASK OUT VIRUS?

These experts all say it can slow the spread. We could get back to work and rescue our economy – so what are ministers waiting for?

Continued from Page One

residents have died from coronavirus.
■ It was claimed Britain had paid £300million for Chinese coronavirus tests but kits that did not work.
■ New start-ups will now be able to access Government-backed loans.
■ Media thanked the public for its support as the nation came together to clap for carers.
■ Princess Beatrice was forced to cancel her wedding next month.
■ Mr Raab warned there could be no return to business as usual with China

Daily Mail, Friday, April 17, 2020 Page 5

SPAIN

Making some dough: A baker in Barcelona

ITALY

New chapter: Bookshop owners in Rome prepare

HOW FACE MASKS GOT THE EU BACK TO WORK

ACROSS Europe, authorities are placing their faith in face masks to help beat coronavirus as they come out of lockdown.

Spain expects to hand out ten million masks this week. Everyone on public transport was handed one when industry began to open up again on Monday.

Masks also are a big part of France's post-lockdown plan, with the likelihood they will be made compulsory in public when restrictions lift on May 11. Chancellor Angela Merkel said masks should be worn on public transport and when shopping in Germany from Monday.

Some regions have imposed their own rules but the Italian government has stuck to WHO advice, saying only those with underlying health conditions and those who have symptoms of Covid-19 need wear one.

Masks are compulsory for those going outside in the Czech Republic and Slovenia and anyone going into a supermarket in Austria.

Daily Mail's 17 April 2020 "Why don't we MASK out virus?" cover story for covid-19 end of lockdown scheme. Old news! I blogged this over a month ago: "Gas masks or EH20 escape hoods as an alternative to economic disruption due to coronavirus covid-19" - **https://glasstone.blogspot.com/2020/03/gas-masks-or-eh20-escape-hoods-as.html** Glad they have eventually got the basic idea! ;-)

Daily Mail

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HAPPY BIRTHDAY, MA'AM!

THE UNSEEN QUEEN

Her OWN magical album Four-page picture special

SEE PAGES 4-7

...and look who zoomed in for her big day

SEE PAGE THREE

Urgent GP hospital referrals plummet during virus crisis

2,700 CANCERS MISSED EACH WEEK

CORONAVIRUS CRISIS

Care home deaths doubled in 2 weeks as virus took hold

Couple married 57 years die one day apart

'Very reluctant to go to hospital'

UK DEATH RATE MIRRORS REST OF WORLD

CORONA SNAPS

Boris tells Trump: I'm on the road to recovery

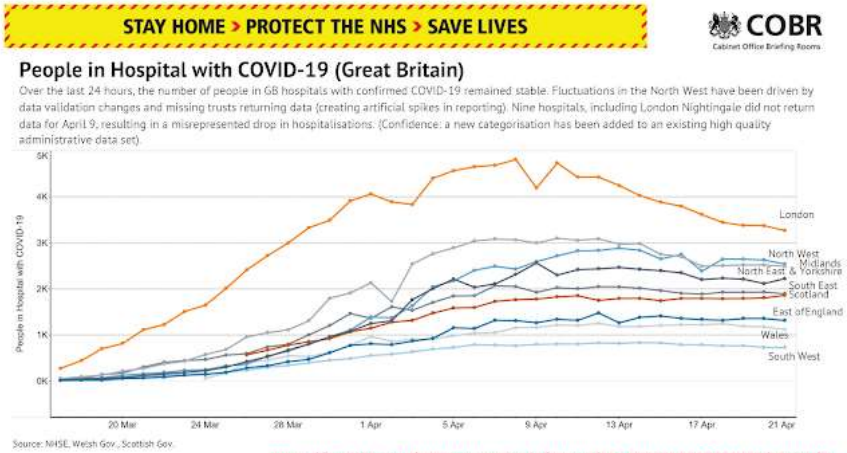
'New pledge on a trade deal'

Battler Alaglah back on news

Daily Mail, 22 April 2020: Because the UK Government is not recommending that vulnerable people wear effective covid-19 protective masks when travelling for cancer diagnosis or treatment or heart treatment, 2700 cancers may be missed a week, and hospital admissions have fallen in the UK, indicating that vulnerable people are avoiding the risk of covid-19 contagion by not going to hospital for other diagnoses and treatments (Daily Mail, 22 April 2020). Therefore, the total death rate due to side effects of the virus and deaths outside hospitals may be higher, due to people dying from diseases sidelined by covid-19.

This may also imply that the recent fall in hospital admissions in London is not an indication that the pandemic is over, but that fall is instead at least partly due to

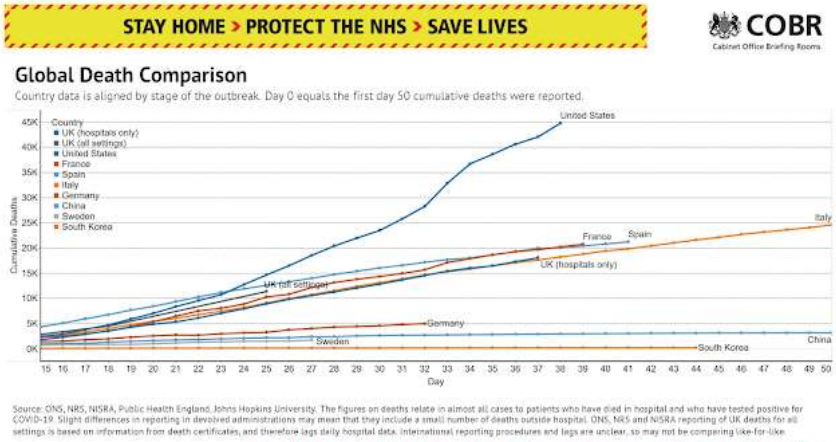
people avoiding covid-19 infected hospitals like the plague (no pun intended). Even people with symptoms that could be flu/covid-19, who are currently not allowed to be tested outside of hospital, may choose to stay from hospital, in the hope that they just have normal flu and would not prefer to risk getting covid-19 as well, if they went to hospital. Therefore, vulnerable people will need to be protected to make it safe enough for them to attend hospital for diagnosis or treatment, or they will end up suffering and dying due to the WHO/BBC/Guardian "no masks" delusional propaganda.



https://twitter.com/10DowningStreet/status/1253030865929732096/photo/3

Above: UK hospital covid-19 cases is falling because people without masks are now avoiding infected hospitals like the plague. The government however is viewing this data differently, claiming that because people are avoiding hospitals to try to reduce their risk of picking up infection, the pandemic is "under control". Likewise, they claimed that the fall in *tested* cases due to their *reduced testing policy* (testing only hospital patients, not everyone with symptoms as in February) was "green shoots", and that the falling death rate in hospitals (due to people avoiding hospitals if at all possible and dying in homes, care centres, etc.) was good news that the pandemic was over without masks being needed to save lives.

Even the **EU's European Centre for Disease Prevention and Control in its 8 April 2020 technical report, "Using face masks in the community - Reducing COVID-19 transmission from potentially asymptomatic or pre-symptomatic people through the use of face masks"**, recommended in its Executive Summary: "The use of face masks in public may serve as a means of source control to reduce the spread of the infection in the community by minimising the excretion of respiratory droplets from infected individuals who have not yet developed symptoms or who remain asymptomatic. ... The use of face masks in the community could be considered, especially when visiting busy, closed spaces, such as grocery stores, shopping centres, or when using public transport, etc. ... Appropriate use of face masks is key for the effectiveness of the measure and can be improved through education campaigns." (WHO by contrast considers the lay public incapable of using masks correctly, a belief not shared by the UK government in WW2 when 100% of the UK public were issued gas masks and informed how to use them safely.)



https://twitter.com/10DowningStreet/status/1253030869331312641/photo/1

Above: UK death rate is very high. America's death rate is higher due to a much larger population; America has 328 million whereas the UK only has 67 million, which is only 20% of America's population so despite superficial propaganda appearances of the Prime Minister's tweeted curves on this graph, the USA death rate per person is really way lower than in the UK. Countries with high populations but mask wearing policies for people entering buildings, e.g. Germany, South Korea and China, have low death rates.

On **23 April 2020, *The Sun* newspaper also ignored WHO, BBC and Guardian anti-masks propaganda to run a front page article "WEAR A MASK"**: **https://www.thesun.co.uk/news/11458821/coronavirus-mask-work-shops-transport-lockdown-2021/**

NEW ADVICE TO BEAT VIRUS

WEAR A MASK

EXCLUSIVE by TOM NEWTON DUNN

THE Government is prepared to urge Brits to wear masks to avoid spreading coronavirus.

It will recommend covering the face with something as simple as a scarf when at work, in shops or on public transport.

The move follows a meeting of top scientists, amid fears that social distancing will roll into 2021 and chances of a vaccine within a year are slim.

Full Story — Pages 4 and 5

COVID-19 CRISIS

NEW ADVICE FROM GOVERNMENT'S TOP EXPERTS

- Protect faces at work
- Cover up in train & bus
- Lockdown until 2021

Britts not certain to be first up for UK jab

VACCINE

Lonely this Christmas

HOW TO MAKE YOUR OWN MASK

FACE MASKS' SAFE RATING

SURGICAL MASK

DIY MASK

CYCLING MASK

MAKESHIFT MASK

THE MASKED CALL

Stagger start time to get UK working

ECONOMY

'False tests for medics'

WHAT NOT TO BARE PAGE 7

4 Sun Thursday, April 23, 2020

10M

COVID-19 CRISIS

NEW ADVICE FROM

Protect faces at work
Cover up in train & bus
Lockdown until 2021

EXCLUSIVE by TOM NEWTON DUNN and NATASHA CLARK

BRITS will be advised to wear a mask at work, in shops or on public transport — as the lockdown is set to last into 2021.

The Government's top advisers met on Tuesday to decide on the face-covering move to help stop the coronavirus spread.

Meeting the result not even into asymptomatic people — who are infected but showing no symptoms — from passing on the bug, Sky News reported.

It comes as Britain's top doctor last night issued a bleak warning that the nation may have to live with tough social distancing measures for "the next calendar year".

Chief Medical Officer Chris Whitty said a vaccine is the only chance of a "normality" back.

He said: "In the long run, the way from this is going to be one of two things, ideally.

"A vaccine, and there are a variety of ways they can be designed — of highly effective immunisation against coronavirus, the disease caused by the virus which is the cause of the problem.

"Or, as I've added: "The probability of having those are time in the next calendar year are incredibly small and I think we should be cautious about that.

"We're going to have to rely on other social measures, which of course are very disruptive and expensive as measures, I think, for the moment. But it's going to take a long time."

The Sun exclusively revealed earlier this week the Brits should not expect to see a return to normal life in 2020.

After weeks of debate, citizens are expected to wear the masking advice as soon as the weekend.

The new guidance will be for face-covering to be used, even just a scarf.

"It will apply to all who go into confined spaces with other where it is difficult to observe the two-metre distancing rule.

"But masks will not be needed in all public places such as parks.

"Compulsory orders in some places are not expected, though they may happen when the lockdown restrictions lessen.

Experts from the Scientific Advisory Group for Emergencies met on Tuesday to discuss the move.

They think that, while masks will not stop bugs from catching the virus, they will help prevent them from spreading it.

However, it was reluctant people will be advised to wear medical-grade masks to help the NHS keep its stocks for medics. The decision is going to be made which would take medical masks away from the NHS, Sunrise's is only clear on that.

"If you actually have symptoms you need to isolate, full stop. A cloth mask is not a replacement for staying at home and nobody should think otherwise", Health Secretary Matt Hancock said the Government is following SAGE advice but will not be handing out free masks, as some other nations have done.

He added: "We have to make sure we have supplies available for health and care staff."

Prof Whitty also warned ministers yesterday they face difficult "trade-offs" when they review the lockdown measures on May 7 — the first time such decisions could.

He said SAGE is working on options to ease some restrictions, but they will have downsides.

Now could happen said the rate of transmission — known as R — was below one, meaning fewer people are being infected. Ministers have to be very careful, if people are hoping it's suddenly going to mean boys where we are in lockdown or where suddenly everything is good. That is a wholly unrealistic expectation.

"If we do have measures on, we may you have to keep on board some of another area so there's a proper trade-off." He added: "It does not take very long from bad numbers to really bad numbers."

NHS officials refer to what happened after March 3 as the "lost period" when the Government had to bring forward its lockdown advice date to see what restrictions to try easing first.

Top senior figure told The Sun: "We will try a lot at a time, and then tweak, so we can see what effect that has on the measures, rather than the greatest hits.

"Some things could be opened up little bit, to go back a week if they ring a side datasets expert.

Mr Hancock also said that mass "contact tracing" — where staff identify who the carrier has been near — may be just "weeks" away.

He said it will help "control this virus" and ensure that very vulnerabilities, "rather than shielding measures that have been in place, can be taken off".

The Sun Says — Page 12

Covered ... London commuters

Crucial ... search for vaccine

Brits not certain to be first up for UK jab

VACCINE

By MATT DATHAN

DOWNING Street has refused to guarantee that Brits will be first up for a jab to protect from a coronavirus vaccine being developed with UK taxpayers money.

Trials involving Sir Adrian Hill's team at Oxford University today.

But Health and Social Care Secretary Matt Hancock announced at extra £15million to fast-track the search for a vaccine.

But yesterday neither the PM's spokesman nor the Chief Medical Officer could guarantee Brits would be first in line when the British vaccine they would be first in line.

The Government just resorts upon £40million from Britain's foreign aid budget on developing a vaccine — sparking fears Brits will be second-in-line to benefit from it before us.

The PM's spokesman would only say that British citizens would get them "as soon as possible".

Mr Whitty said a vaccine would be "very likely" to be being developed in the UK.

Foreign Secretary Dominic Raab, who is standing in for the PM, also dodged the question.

Instead, he said a vaccine would be more targeted at stopping a second global pandemic.

But last night a Tory source insisted developing a vaccine was a priority for the Government and its not of supporters other countries would get access before the British public.

Lonely this Christmas

INSIDE: Fly face being banned from seeing their loved ones at Christmas as lockdown restrictions carry on for the rest of 2020.

It is likely they will have to spend festive cheer still locked in self-isolation, PM's Dr Hilary Jones says.

He said on talkRADIO's Drivetime ... with ... Dan Wootton: "There is the prospect when Christmas comes it isn't a necessity to protect the elderly who are most vulnerable."

HOW TO MAKE YOUR OWN MASK

1. Two layers of kitchen towel & one of tissue
2. Cut in half
3. Fold masking tape over each end
4. Tape down a piece of wire to stiffen mask
5. Punch holes in each of the four corners & thread elastic bands through
6. If bands are not long enough you can loop more together

TOP

INSIDE

Wire to pinch around nose

FACE MASKS' SAFE RATING

SURGICAL MASK
LIGHT lubbery mask and an NHS front line. The Alpha Safety CE C Series is £99.99 for a pack of 20. Safety rating: High/medium.

DIY MASK
BASIC: cut dust and mist mask with a wire snubbed. A pack of three 3M particle respirators is £9.40. Safety rating: Medium/low.

CYCLING MASK
THE Airtum urban air mask with five layers is £81. The need to be washed or have filters changed regularly. Safety rating: Low.

MAKESHIFT MASK
BANDANA or scarf wrapped around the mouth and nose as backed by US President Donald Trump. Safety rating: Low.

Thursday, April 23, 2020 Sun 5

GOVERNMENT'S TOP EXPERTS

THE MASKED CALL

A mask is not a replacement for staying at home

People need to be aware it's going to take a long time

Stagger start time to get UK working

ECONOMY

'False tests for medics'

WHAT NOT TO BARE: PAGE 7

12 Sun Thursday, April 23, 2020

THE Sun SAYS

Now mask up

IT is good news that the Government

It is good news that the Government seems to have finally seen the light over masks.

It was obvious that insisting on their use in confined spaces can help slow the spread of the virus, imperfect though they are.

The nation must now rapidly start making our own. They're not difficult and there are many designs, including ours on Page 4. We must **NOT** deplete supplies of professionally produced kit for NHS or care staff who are in direct contact with Covid-positive patients.

Masks, plus other measures including radical changes to working hours to avoid rush-hour crowds, will help lessen the spread when the lockdown is relaxed, as it must be soon.

Let's not kid ourselves: infections are still bound to increase. But there are no good options now. We cannot continue bankrupting Britain and shedding millions of jobs with this paralysis.

We cannot wait for a vaccine, nor for "herd immunity" to be achieved via most of the active population getting the virus and recovering. Both look a mile off.

A better bet is some new or repurposed antiviral drug to cut deaths. But we cannot wait for that either.

The lockdown must be gradually lifted, starting next month, before further catastrophic damage is done to our economy, our society and the long-term health of our nation.

We must continue to shield the most vulnerable and prevent a devastating second wave of infections overwhelming the NHS in a way the first did not.

And we must deploy whatever weapons we have to slow Covid-19.

Masks at work, in shops and on public transport? Fine. Let's wear them.

How to modify an Avon UK EH20 CBN (chemical, biological and nuclear hazard) Escape Hood - stocked in large numbers by UK emergency services - into an easier to wear, practical eye droplet filtering use. (Click on photo for larger view.)

Avon EH20 cheap surplus Chemical Biological Nuclear War Escape Hood respirator and eye shields modified into low-cost, comfortable and efficient covid-19 prc

Avon Chemical, Nuclear, Biological and Radiological filter containers are relatively cheap - this one was £9.04 (see price label on this sealed container), ***when compared to the immense lock-down price per person for months of economic shut-down,*** and they are vacuum foil sealed which preserves the activated charcoal and filters inside indefinitely - they can easily be tested against smoke or chlorine gas (generated from household bleach + acid) to confirm when gas mask filters need replacing! (The "best before" dates on sealed gas mask filters is just a rule for the date when they next need testing, not a date when they cease being serviceable!) The actual gas mask has a soft rubber face seal which is comfortable to wear, can be wiped clean and fresh with antiseptic after each shift and re-used, saving waste, unlike less comfortable, less effective disposable paper masks! They can also be kept by civilians ready for nuclear disasters or a repeat of the recent Salisbury Novichok nerve agent chemical warfare attacks, which was the policy for the UK Government during the entire Second World

War (Germany had mustard gas and stockpiled 12K tons of tabun, a volatile nerve gas intended for London if the UK abandoned the legal demand on civilians to always carry their personal gas masks):

Photos, circulated on social media, show people coming up with creative ways of covering their noses and mouths in a bid to avoid contamination, as medical experts warn surgical face masks are ineffective at keeping the virus at bay.

One train passenger in a heavy duty gas mask was spotted on the platform at Milton Keynes station, while a Londoner adopted the same approach on the Tube.

Smuggle

Others adopted more rudimentary protection. A woman was seen on a bus with a plastic storage container over her head while a man was spotted wearing a shopping bag.

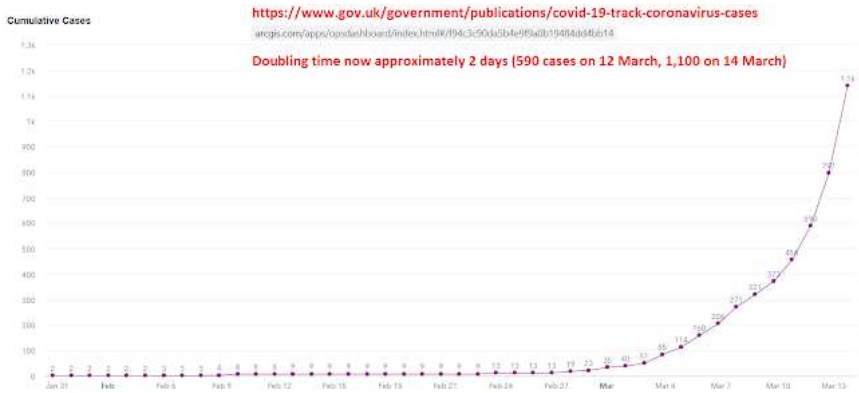
Dr Stephen Griffin, of the University of Leeds, said: "Standard face masks provide relatively little protection from respiratory aerosols – they can stop larger droplets and some studies have estimated a five-fold protection versus no barrier alone."

Two British men have reportedly been arrested in Morocco trying to smuggle face masks back to the UK.

A shopping bag gives some protection

ORIGINAL BLOG POST:

UK cumulative covid-19 cases doubling time has now fallen to about 2 days, going from 590 total cases on 12th to 1100 on 14th March: **https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases** (graph below; please click on illustrations on this blog for a full-size view to load)



If this exponential rate continues, in 30 days there will be 1100 x 2^(30/2) = 36,000,000 cases (half the population). If the W.H.O. mortality rate figure of 3.4% applies, that is 0.034x36,000,000 = 1,200,000 dead, which will be hard to "cover-up" by simply preventing people from being tested for coronavirus. Flu in the UK killed 1,692 in 2018/19 according to Public Health England (see **https://fullfact.org/health/coronavirus-compare-influenza/**), so there is a difference: the mortality risk is about 17-34 times higher than flu, and it is far more infectious than flu (no flu strain in the UK has ever doubled the cases in just 2 days!), and China only **stopped its epidemic** by draconian measures to stop people from coming near one another. Clearly the exponential curve will have to flatten out (due to increasing doubling time) at some point eventually, but we could do that sooner rather than later - and without economic disruption - by simply issuing effective masks:

UK policy is to allow the virus to spread in the hope of causing "herd immunity" without waiting for a vaccine, and to stop testing most infected people due to only 2,000 lab tests being available daily. I saw people wearing surgical masks at the supermarket today (canned food shelves were empty, not just hand wash as a week ago). As in WWII when everyone was issued a protective mask against gas, we would be able to continue doing almost everything as normal without self-isolation (thus no massive economic world recession effect on people avoiding public transport, airports, aircraft, schools, colleges, etc.), if everyone doing so had such simple cheap masks when near other people who could transmit infections. This was not regarded as a waste of money then, even though Hitler never dropped his 12,000 tons of nerve gas tabun on the UK thanks to UK gas precautions, and at least **one** mainstream media commentator (Richard Madeley) realised this:

Daily Express Saturday April 15 2017 19

Richard&Judy

BRITAIN'S BEST-LOVED HUSBAND AND WIFE TEAM REFLECT ON THE WEEK'S EVENTS EVERY SATURDAY IN YOUR DAILY EXPRESS

Let's send gas masks to Syria

"WAR," the novelist Evelyn Waugh once said, "is one-third pummelling, two-thirds propaganda."

I'm not sure that could be said of the murderous conflict in Syria where I think the reverse of Waugh's dictum applies but propaganda nevertheless has its place. And after last week's depraved gas attack on civilians by Assad's psychotic regime, I wonder if we're missing a trick.

Condemnation, yes. Retaliatory air strikes and accompanying rhetoric, certainly. But here is an idea...

Why don't we supply gas masks to the besieged people of Syria? We could use our foreign aid budget. Spend it on something useful for once instead of crackpot schemes such as helping fund a Spice Girls-type girl band in the born of Africa (thankfully abandoned last year after a public outcry) or funnelling money through corrupt regimes where it vanishes like water in the sand, never reaching the starving or dispossessed.

Sending gas masks to Syria would be profoundly practical and supremely symbolic.

It would give people living under the Assad government siege small comfort in their suffering, a ray of hope should the worst happen again. But it would send a very public message to Assad and his backer, Putin, that we know exactly what they have been up to and intend to thwart them in future over such evil purpose.

This country issued gas masks to every man, woman and child in the land at the outbreak of the Second World War, and regularly upgraded the smout-like filters when British intelligence detected another development in Nazi gas/chemical warfare technology. So logistically it can be done and in any case the affected Syrian population is tiny by comparison. We can afford it.

In fact, I don't think we can afford not to.

WE wish you all a happy and joyous Easter. Courage – summer's nearly here!

The recent use of nerve gas Novichok in the UK by Russia and the use of gas in other recent wars such as in Syria has led to **some new interest** in civil defence as an alternative to shutting down the economy if such a pandemic virus or a gas threatens people. When dad was a Civil Defence Corps Instructor in the 1950s, Britain was building up enough brand new (post-war, NOT WW2) C7 gas masks for the entire population, which were abandoned after the Corps was closed in

1968 (leaving the UK population vulnerable to a whole range of civil emergencies and disasters, not "just war")! It's about time that tried and tested solutions are used to deal with disasters to SAVE LIVES efficiently.

Instead, the media will oppose/ignore/ridicule/dismiss this, misled to the kind of abusive stupid "experts" who don't like tried and tested solutions. (Extremists on both the right and left wing politically, who hate straightforward solutions that WORK, and simply pretend such solutions don't really exist, using a long list of fake news "no-go theorems" against them.) They will lie that it is too expensive or not applicable to school kids who spread disease to older folk (**not true in WWII, see photos of kids in WWII gas masks playing above**), etc., etc. They won't be challenged effectively by any of the fake news spreaders and trolls who are employed by most of the UK TV media, whose sole purpose in "reporting news" is to make a hate attack on Prime Minister Johnson or President Trump, and **not to give airtime to WORKABLE solutions that can enable the world to avoid both (a) economic shutdown/recession and (b) massive casualties.**

Frequently asked questions on gas masks against viruses

1. Hands spread infection so washing hands will prevent covid-19 /coronavirus, won't it?

ANSWER: no it doesn't work because infection takes place through the FACE (eyes, nose, mouth). If you are on a London tube train you have to touch handles to remain standing when the train starts/stops. People are coughing. There is no sunlight UV "open air factor" to render ineffective the viruses on exhaled water droplets. There are NO WASHBASINS on tube trains and even where there are washbasins, in many cases you wash your hands clean and then re-infect yourself immediately afterwards in opening the door handle to go out of the toilet!

So the amount of time that "washing your hands" protects you is a few seconds only. Trivial protection! Pathetic protection! The rest of the time - most of the time - washing hands is useless because you have to touch things.

Money changes hands, or you type your credit card pin number on a contaminated number pad if not using cash - either way you risk contamination! Even Novichok and for that matter sarin and VX nerve agents, and even old mustard gas liquid, were primarily skin contaminants but people in Novichok contaminated locations in Salisbury UK still had to wear gas masks, because the only guaranteed way to stop people reflectively touching their mouth, eyes, or nose (without even realising it!) is to be wearing a gas mask!

In fact, the data we have on the airborne transmission of flu and other aerosol spread viruses comes from simple experiments on control groups of people wearing masks and other groups not wearing them, in places like the old Common Cold Research Station. By unscrewing the gas mask filters from one group, exposed in identical conditions to others with filtered masks and without them, you determine precisely the infection risk from putting your fingers on your face accidentally (brushing your nose, lips or eye lashes), as compared to actual inhalation risk.

In any case, the government has been advising hand-washing for a long time, UK supermarket shelves were emptied of handwash long ago, but cases are now soaring regardless. This proves that simple advice to wash hands is not enough to prevent the risk.

2. We don't have enough gas masks for everyone at risk and there is not a world war to justify making any more gas masks as in 1939-45, so this whole idea is unreasonable and too expensive, isn't it?

LIE - we have stockpiles of EH20 escape hoods and a large stockpile of military gas masks in case of gas attacks, and the filters on those are absolutely fine for viruses as for nerve gas. The UK government has been repeatedly saying that the people MOST AT RISK are a SMALL PERCENTAGE with pre-existing conditions. Therefore, give gas masks or EH20 escape hoods to the most vulnerable groups first, while making more (the UK has its own gas mask factories such as Avon).

The remainder of this kind of "question" is a complete lie - the UK made most of the gas masks BEFORE WWII actually started, and it was the VERY existence of such civil defence that enabled the threat to be addressed.

Before that, there was a real risk of mass casualties from gas (way beyond the 60K deaths from civilian bombing that actually occurred in the UK during the war) which closed down all realistic discussions of the threat. You had to have the gas masks to negate the threat before realistic solutions were finally taken seriously. As explained in previous blog posts here, opponents of gas masks in 1936-8 were either ignorant (liars proclaiming there is "no protection" in the face of evidence to the contrary from WWI) or had a sympathy with extremist right or left wing organisations, who had a vested interest in making the UK vulnerable, to profit from this either financially or politically.

Regarding the "expense" argument, just look at the economic costs of shutting down Italy. Gas masks were manufactured cheaply and quickly in large numbers in the UK in 1938-9. It would have been MORE expensive to have Hitler drop his 12,000 tons of nerve gas tabun on London, or mustard gas, than to issue gas masks! Likewise for the coronavirus causing businesses to close for an extended period and for huge numbers of people to suffer and die! This is about human lives primarily, but the argument ALSO applies to economic considerations!

3. But surely the data will soon show that the exponential surge in UK covid-19 cases will end, so we don't need gas masks?

YES IT WILL! But NOT because anything is improving while in fact infection conditions remain the same: the data will soon show a FAKE NEWS type "fall" or at least "level out" *because the UK is no longer offering tests to people with symptoms* who call 111, because the UK Government has stated it it can only test a maximum of 2,000 people a day. Tests in the "Contain Phase" have now ended, and in the current "Delay Phase" people with symptoms are advised NOT to be tested but just to self-isolate for 7 days, so data will falsely level off from this. This is a bit like "sorting out" radiation problems *by not taking measurements with geiger counters - a fake approach to reduce panic by controlling the data available!* It is precisely this decision to end routinely testing people with symptoms that motivated this blog post.

The problem is media self-interest - either in fear mongering or ignoring the threat, or a mixture of both of these equally deplorable extremist lunacies - backing incompetent or fashionable "expert" liars who begin by ignoring the simple proved solutions, and then propose ineffective, costly schemes that don't work for political self-aggrandisement. And no, I'm not the inventor of the gas mask and I don't get paid to hype them, *I only have as much self-interest in delaying this virus until a vaccine is developed to safely give immunity, as everyone else has.* Of course, mass media TV and Left Wing Magazine/Paper promoted trolls will ignore this idea and will try to maximise the disaster to sell scare stories on TV or to allow the problem to get worse by trying to stop sensible suggestions from being sensibly discussed. Hype doesn't mean they are correct.

Photos, circulated on social media, show people coming up with creative ways of covering their noses and mouths in a bid to avoid contamination, as medical experts warn surgical face masks are ineffective at keeping the virus at bay.

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Smuggle

Others adopted more rudimentary protection. A woman was seen on a bus with a plastic storage container over her head while a man was spotted wearing a shopping bag.

Dr Stephen Griffin, of the University of Leeds, said: "Standard face masks provide relatively little protection from respiratory aerosols – they can stop larger droplets and some studies have estimated a five-fold protection versus no barrier alone."

Two British men have reportedly been arrested in Morocco trying to smuggle face masks back to the UK.

A shopping bag gives some protection

4. If you are on crowded bus/train/airplane, with people coughing nearby, do you need goggles as well as a mask for protection, or an actual full face gas mask /

EH20 escape hood?

Surgical masks are specifically designed to protect the patient's wounds from contamination from the surgeon when he speaks during surgery to assistants, not to protect the surgeon from the patient! They are therefore only designed to catch YOUR exhaled or coughed droplets. They don't provide an airtight seal at the edges to filter air you inhale, so they offer only partial protection against small airborne infectious droplets when people nearby cough or sneeze, which is one reason why some "experts" are against them as a ready solution.

(Other objections are political and fashion based and thus are similar to the fake news claims made by "experts" in the 1930s against gas masks, which were fortunately ignored by the government, which issued gas masks to remove gas threats regardless of the howling of "expert" objectors who thought that effective countermeasures would degrade or taint the pristine morality of humanity, by allowing people to survive using *unfashionable* facewear, or that we should morally take the highroad by simply asking the virus to sign a "peace agreement" and promise faithfully to stop infecting people.)

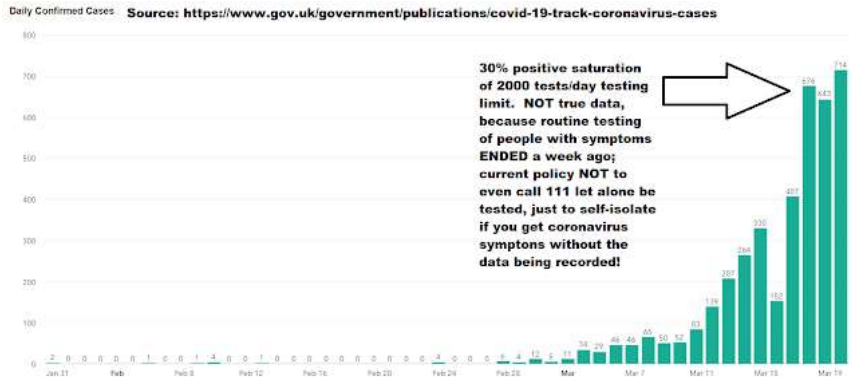
However the filters in gas masks and EH20 escape hoods are designed specifically to remove CBN (chemical, biological and nuclear) hazards, fine particles, droplets and gases, and they are better seals. They prevent eye infection, nose infection, inhalation and the accidental touching of the face with the hands. Some have drinking straws built in. Gas masks can be wiped clean and anti-septic and re-used, unlike paper masks that become contaminated.

Update (21 March 2020):

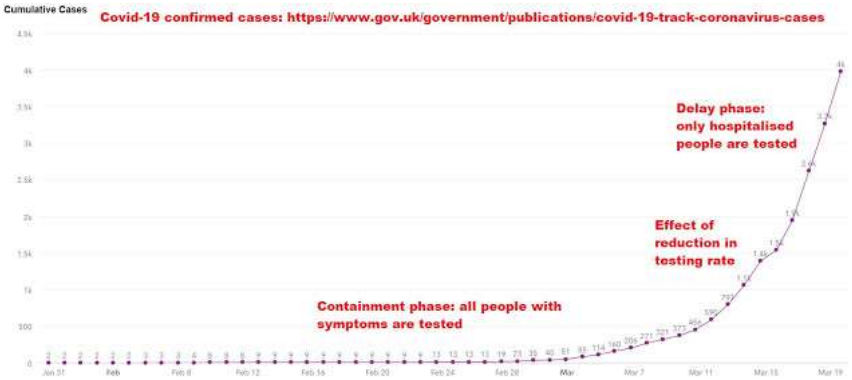
The over 80s and other susceptible groups (those with lung conditions like cystic fibrosis or lung cancer, or with weakened immune systems due to chemotherapy) should get the available masks of whatever sorts are available (medical, civilian, military, industrial, etc.) immediately to help to prevent them getting coronavirus until a vaccine is available, because there is a shortage of ventilators and they are not saving enough lives in Italy where there have been 47,021 confirmed cases with 4,032 deaths, which is 8.6%, exactly double the W.H.O. forecast of 4.3%. China successfully *gave out masks* as well as isolating infected areas, and the masks worked. Instead the policy is reserving masks for the medical professional to treat people, when infected, even though the Italian evidence shows this is failing, and that *PREVENTION IS BETTER THAN EFFORTS TO TREAT THE PNEUMONIA SYMPTOMS IN THE VULNERABLE.* The UK is instead reserving masks for use in the treatment stage which is LESS EFFECTIVE than PREVENTION, the opposite of what it did in 1938 when it made 40 million masks to protect people.

(The analogy to gas war would be to issue only masks to medics treating civilians who have inhaled usually fatal gas doses due to not having masks. I'm trying to "dumb down" the facts so that the media's fake news spreaders, fear mongerers, and self-aggrandising Marxists can't get away with claiming to be "confused" or "ignorant" about the point being made. That's their usual excuse for suppressing the key facts and circulating "official expert" lies instead of challenging Marxist dogma that aims to maximise disasters for political advantages and profit.)

Wouldn't it be better to keep everything open and issue people protective masks and gloves INSTEAD of a general shut down - which has **failed to halt deaths in Italy** - until a vaccine is developed? Ultimately masks and gloves will have to be issued to people working in crowded places like supermarkets, transport systems, etc, not just hospitals. Why not go the whole hog now and issue them to people at particular risk of dying from coronavirus, to minimise their risk of getting it in the first place. I think they will be the last ones to get personal protective equipment, and pseudo "experts" will instead prefer to allow them to get covid-19 pneumonia, and overload hospitals!



The UK coronavirus test ban problem in creating fake news of curve flattening, when vital data are simply NOT being collected or included anymore. Without any idea of the true numbers, the government can avoid issuing protective life saving masks to vulnerable groups. The media reports political propaganda of one sort or another, and avoids the basic facts.



Coronavirus cover up in UK data statistics. It underestimates current cases, due to now only testing people in hospital, but even this still shows a doubling in the cumulative total cases in the past 3 days, from about 2000 to about 4000 today: **https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases**

Another aspect of this "fake news" propaganda from the UK Government, the TV media, and many newspapers is the inaccuracy on the actual mortality risk. Bubonic plague in the infamous pandemics of 1348, 1665, etc had a higher mortality than covid-19 in Italy ONLY if you compare *unlike* situations (*untreated* bubonic plague cases compared with *treated* covid-19 cases). If you are not issuing propaganda, and compare like-with-like, you find that bubonic plague from infected fleas carried by rats will kill 10-15% of treated cases.

So far in Italy, the 4,032 deaths in 47,021 confirmed cases is 8.6% mortality (those who have died have an average age of 80), but if we just focus on those 47,021 cases (ignoring any future cases), many of them are too recent to have resulted in mortality, so the number of deaths within the 47,021 will increase beyond the 4,032 figure, and this means (ignoring future cases) that the true total death rate in Italy is *higher* than the 8.6% figure, and is probably 10-15%.

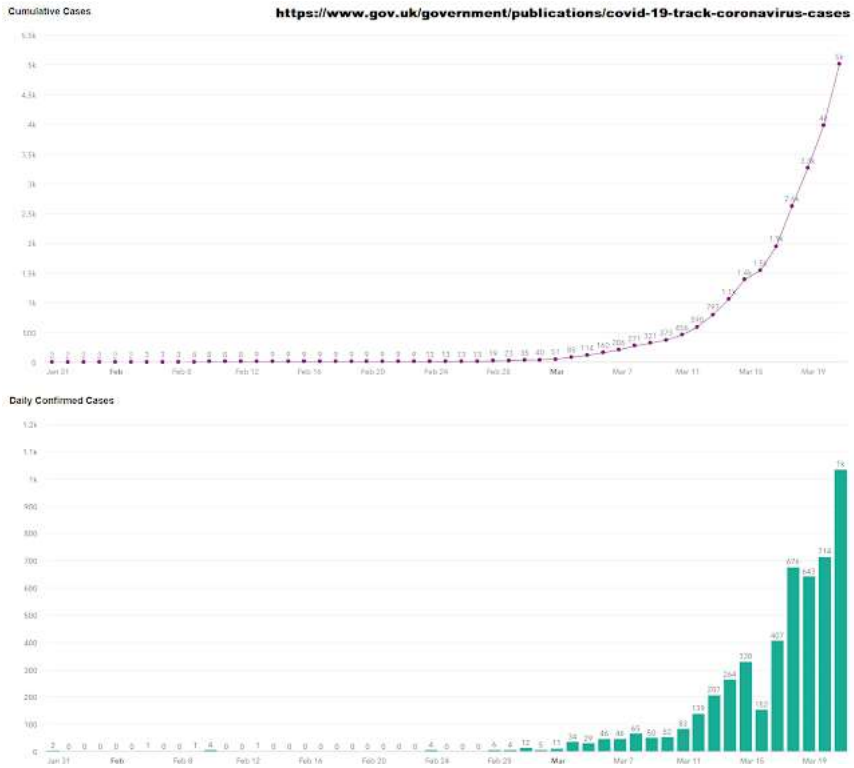
So it is likely to have a similar mortality risk to bubonic plague in an elderly population, given a like-for-like comparison basis (treated cases of covid-19 and treated cases of bubonic plague). Seasonal flu by comparison usually has a death rate of 0.1-0.2% with treatment, so covid-19 can be up to 100 times more deadly than flu and in terms of mortality risks observed in the elderly population of Italy, it is similar to bubonic plague.

Perhaps explaining this will help to ensure it is considered more as biological warfare type threat requiring that kind of response (e.g. gas masks for people

queuing up for their rations in supermarkets), than a flu strain.

Update: 22 March 2020

BBC Fake News for mass murder is debunked



Evidence that the TV media hyped washing hands countermeasure without masks has FAILED to prevent exponental surge in cases. This "government data" is partly FAKE news itself because routine data collection and testing of people with symptoms for coronavirus stopped over a week ago in the UK, when people were instructed not to even call 111 to report cases, let alone to get tested. So many cases are probably now being unreported. The media in general fails to acknowledge this fact, and reports the fake news as the truth. It also lies about gas masks that could save lives, all in the interest of expert hubris.

BBC news is hyping "expert fake news" lies that washing hands and not wearing masks is adequate, that wearing masks makes the virus spread faster, etc. Just to remind people, don't believe liars. If medical professionals believe this they wouldn't wear masks. They do wear masks, and they don't therefore believe their own lies. The sooner the BBC and other fake news outlets have the compulsory licence fee abolished and stop issuing "expert" lies, the more lives can be saved.

Protecting people, rather than institutions like the BBC, media, NHS etc, is the key problem. The NHS only has limited resources for epidemics and the safest option is to PREVENT covid-19 transmission until a vaccine is available, not the rant against masks and then rely on the NHS to cope with the massive numbers of cases. There is evidence from Italy that isolation and hospitalisation DON'T WORK and prevention is better than cure. Washing hands is not sufficient to stop a disease spread by infectious airborne droplets. I saw the NHS bullshit when my glue-ear problem went undiagnosed and untreated for over five years, causing

severe hearing and speech problems. (*My mother was a State Registered Nurse in the NHS from 1951 onwards, so please don't imagine that the Marxist infiltration of NHS medical professionals trade unions, the BMA and organisations that issue lying "peace propaganda" against civil defence preventative measures is a topic we're unaware of. As far as the Marxist dogma driven liars in the NHS have always been concerned, it must be saved in order to produce back-door Marxism in the UK by being as cost-inefficient as possible - as in my hellish childhood caused by the NHS and now in abandoning effective preventative medicine in favour of ineffective costly treatment - in order deliberately to use the inefficiency as a political lever to demand more and more money, until capitalism collapses under the debt burden when it can't repay the interest by taxation*. The fact it is inefficient is what the professionals so love about it. I ended up with a ruined childhood, unable to hear properly due to distortion or speak properly due to frequency distorted hearing, despite numerous God-type patronising and fake news type "expert" propaganda lectures from "NHS professionals" that were lies.) "*Save our NHS*" government slogans therefore should be replaced by "*save people's lives*". Less propaganda, less lies, and more facts are needed.

In fact what they are doing is the OPPOSITE of what they claim to do. They spread fake news to cause panic by suppressing evidence of EFFECTIVE countermeasures, and then claim that anyone pointing out their lies must be censored out because it disagrees with big shot liars. This is getting very dirty, hubris and dictatorship versus the truth, and people are needlessly dying as a result. If you look at China, you see that the masks have helped to stop the spread of the disease very quickly when people have to get food from shops, etc. You need them to reduce the spread of the transmission, to save lives.

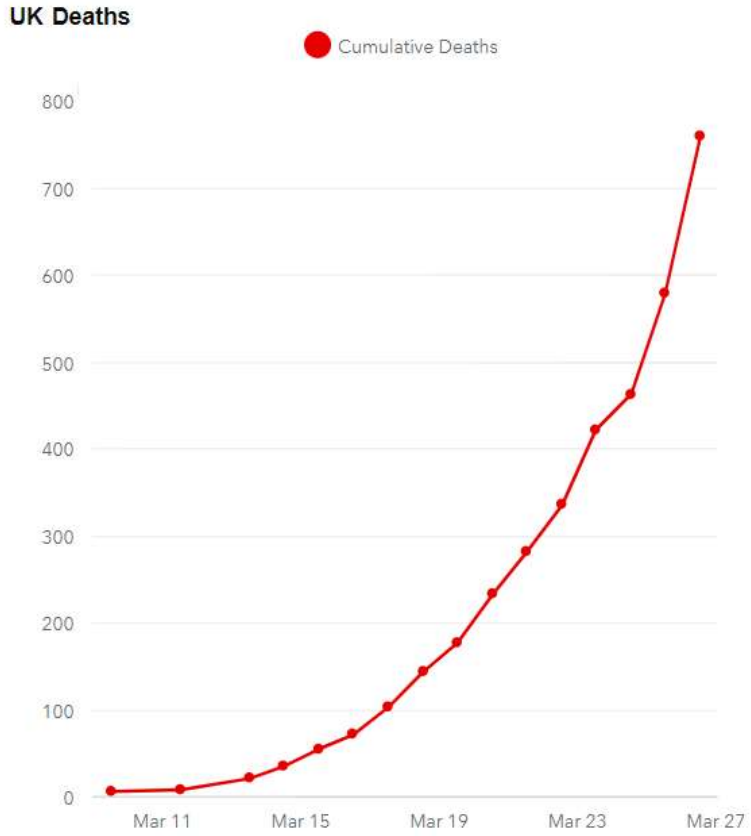
The problem with James Delingpole's criticism of officialdom on coronavirus / covid-19

James Delingpole has been chasing the wrong horse as usual, in this case the 2005 Virology Journal paper 'Chloroquine is a potent inhibitor of SARS coronavirus infection and spread,' based on chloroquine to enable people to absorb more zinc, which allegedly prevents viral RNA transcription of coronavirus:

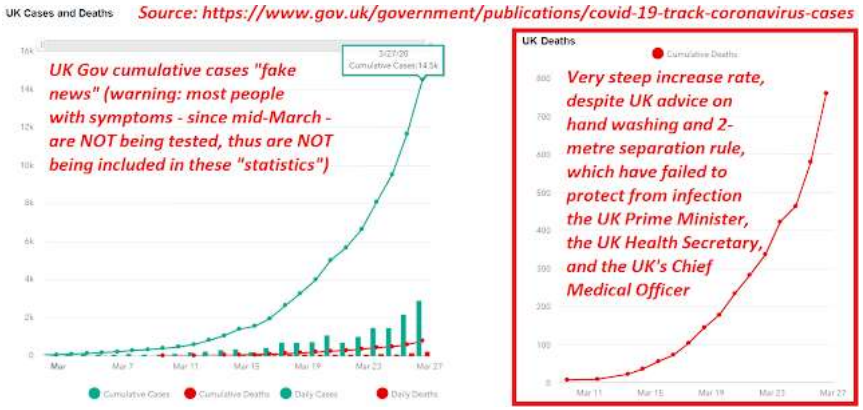
"Why isn't the solution being shouted from the rooftops? One possibility, as I suggested yesterday, is that there is no money in it for Big Pharma. Chloroquine is a generic drug. That's why Big Pharma's lobbyists have worked hard to persuade governments that there can be no acceptable solution till a patented vaccine is brought on to the market. Even if this happens it won't be till long after the pandemic is over – probably not till at least next year." - https://www.breitbart.com/politics/2020/03/19/chloroquine-known-as-effective-against-coronavirus-since-2005/

In fact, coronavirus covid-19 isn't the same as SARS coronavirus and there is no proof it will work against variants. Viruses often evolve to get over problems like this. In any case, tens of millions of people taking a new drug will always result in unintended side-effects in the doses needed to be effective as a zinc uptake facilitator. Chloroquine is currently only licensed as an anti-malarial drug, and it can cause stomach upsets, hair loss and a list of other side-effects. The only guaranteed way to halt the pandemic is masks to filter out the droplets containing viruses when people go to supermarket queues, etc.

Update: 28 March 2020



Source: https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases



Source: https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases

Sad to see that the media is ignoring the fact that the very steep cumulative mortality curve in UK for covid-19 coronavirus and the infection of the **UK Prime Minister, UK Health Secretary and UK Chief Medical Advisor** should indicate: (1) hand washing advice (which most people do anyway) for airborne fine droplets has PROVABLY FAILED, (2) the 2-metres separation rule is not sufficient protection, **because biological transmission experiments have shown that many airborne viruses (eg Venezuelan equine encephalitis, bovine brucellosis, tularemia, and Q fever) can survive for up to 2 hours in sunlight or 8-18 hours in cloudy/night/indoor conditions (source: US Army Field Manual FM3-10, Chemical and Biological Weapons, 1962, page 82)**. Infected people coughing/talking will leave behind small airborne 5 micron (invisible sized) contaminated droplets in the air which, like very fine dust can provably take hours to fall to the ground. (This is not opinion, it is physics.) This is probably why gas masks or at least some kind of full face protection is safer than relying on the 2-metre separation advice, which has failed for the very "top" people who promoted it on TV.

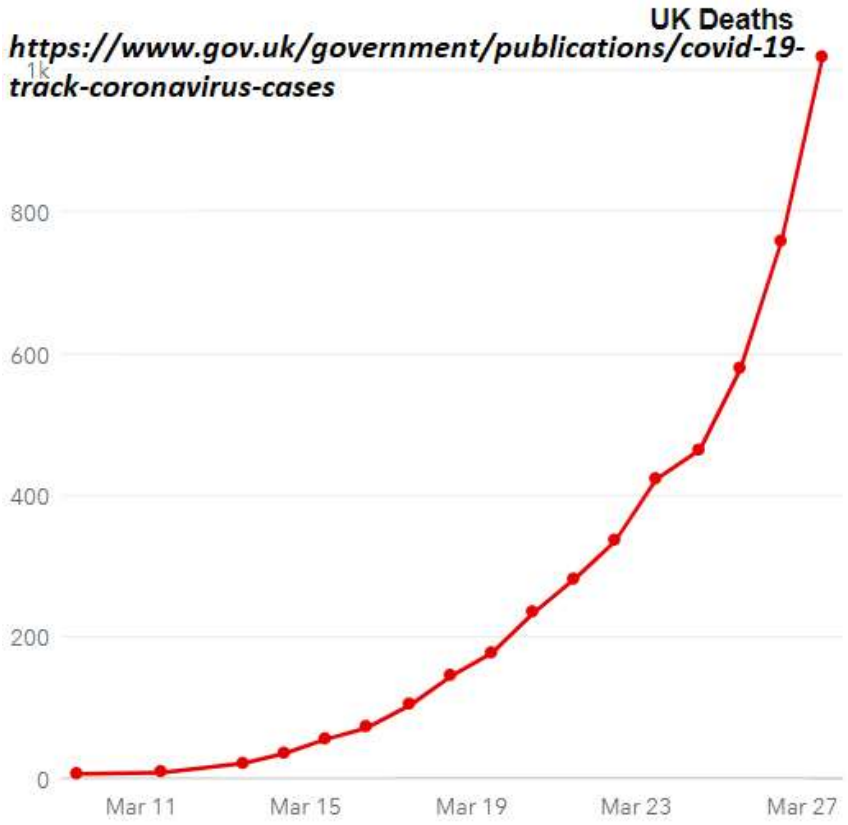
There was a time, back in the 1950s when Britain was stockpiling 50 million anti-virus civil defence C7 full face masks for the entire UK population, when the scientific evidence was based on actual experiments and proof testing, not the opinions of ill-informed ranting "official experts" who have not even bothered to check whether their advice works. Politicians of course have the motto: "When in a hole, keep digging."

As the physicist who discovered the path integral formulation of quantum mechanics, Feynman, stated in his report when he found that public relations cover-up over the space shuttle's rubber O-ring seals (which froze solid and brittle in freezing launch weather, causing the explosion of the shuttle in 1986):

"For a successful technology, reality must take precedence over public relations, for Nature cannot be fooled."

Nobody in PR listens to this, instead continually deferring to "experts" who put inflammable cladding on buildings, and now issue fake news to stop people wearing protective masks, to throw abuse at those who prove them wrong instead of apologising and correcting their advice, etc. The media is so politically bigoted that it buys into this "expert opinion" or "consensus science", just to create disasters to sell "news stories" that are unnecessary.

Second update of 28 March 2020:



The UK government has just released the latest data which shows that UK covid-19 deaths have doubled in past 3 days, from 463 on 25 March to 1000 announced this afternoon 28 March. If this 3-day doubling continued for 30 days (10 doubling times) from now you'd have 1000 x (2^10) = 1 million killed. This will happen if infection conditions remain the same as they were when the recent death cases resulted, because the only way you get out of the exponential (or geometric) curve is if the infection conditions change, and with people having to regularly go to get food, this is not necessarily going to change much.

All the "sophisticated models" which predict a rapid flattening of the curve have loads of assumptions using guesswork, a bit like NASA's massive calculation book resulting in a 1/100,000 risk prediction of failure for the space shuttle (Feynman later estimated it was closer to a 1/2 risk for launching on a cold morning as in the 1986 disaster, when the booster O-rings would be brittle and leak fuel, a factor simply ignored in the sophisticated computer models).

This reminds me too of the global warming scare mongering scandal, where all 21 IPCC computer models in 2007 assumed solely positive feedback from water in the atmosphere, despite the fact that this is debunked by the fact we don't have a runaway greenhouse effect like Venus! (They still haven't corrected this error properly.) Today's Daily Telegraph (28 March 2020 p13, *below*) article on bad UK government "expert" scientific modelling misses the point entirely because gas masks for everyone as in WW2 would avoid relying on the shortage of hospital ventilators and the ineffective lock-down until a vaccine is developed.

Burning question: how accurate was science that led to lockdown?

Methodology

Previous work by professor whose paper convinced Government to act has been criticised by peers

By Katherine Rankin
Sheffield Page

'We didn't think it would be a cautionary tale for a new plague in the human population – but of course the cautionary tale is fully valid. This is déjà vu'

Daily Mail

FREE HOME DELIVERY

FREE puzzle magazine

STAY WELL AT ANY AGE
By world's leading anti-ageing expert

TWO CORONA BOMBSHELLS

CRISIS AS BIG THREE HIT BY VIRUS

PM, Health Secretary AND Medical chief all struck – so who's next?

Harry and Meghan's corona dash to LA

CORONAVIRUS CRISIS

Why didn't they practise what they preached?

For days we've seen our leaders coming closer than 6ft limit

Daily Mail 28 March 2020 pages 1 and 2 on the infection of the UK Prime Minister UK Health Secretary and UK Chief Medical Adviser proving that their flawed advice is a failure.

worst slump since the Great Depression.

There's a name for such ugly practices: Racketeering.

Let's not forget Jeremy Corbyn. The preposterous Marxist claims he's been proven 'absolutely right' on gargantuan public spending. No, Mr Corbyn. The Government only opened the purse strings extravagantly to stop the infection laying waste to our nation, not because it's in thrall to a ruinous student ideology.

But as well as bringing out the worst in people, the coronavirus nightmare has also revealed their glowing best.

On Thursday, millions threw open their

Daily Mail editorial 28 March 2020 page 20 debunking Marxist covid-19 profiteering racket: both right and left wing extremists are corruptly lying about the crisis to profit from mass murder.

Page 16

Daily Mail, Saturday, March 28, 2020

Weather

Go to: dailymail.co.uk/weather for UK and world 5-day forecast

Summary: Mostly cloudy

UK TODAY: It will be dry with sunny spells for many in the morning. Increasingly cloudy later with a few wintry showers in eastern Scotland and northeast England. Chilly with a brisk northerly wind. Max 13c.

Today's weather

	9am	12noon	3pm	6pm	9pm
London	8c	11c	10c	6c	6c
Plymouth	7c	11c	12c	11c	7c
Cardiff	7c	10c	11c	8c	6c
B'ham	7c	9c	9c	7c	4c
M'chester	8c	9c	8c	6c	4c
Newcastle	6c	6c	6c	4c	2c
Glasgow	7c	8c	8c	5c	3c
Aberdeen	5c	6c	5c	4c	2c
Belfast	8c	9c	8c	7c	5c

5 day forecast

	Sun	Mon	Tue	Wed	Thu
London	8c	9c	11c	10c	12c
Plymouth	8c	10c	10c	10c	11c
Cardiff	9c	10c	10c	10c	11c
B'ham	7c	9c	10c	10c	11c
M'chester	7c	10c	10c	9c	10c
Newcastle	6c	9c	10c	10c	10c
Glasgow	7c	10c	10c	10c	9c
Aberdeen	7c	8c	10c	10c	10c
Belfast	7c	10c	8c	10c	9c

Yesterday

24 hours to 5pm	Max (°C)	Min (°C)	Rain (mm)	Sun (hrs)
Aberdeen	10	0.04	5	8
Aberystwyth	10	0.00	2	11
Belfast	10	0.02	2	12
Birmingham	11	0.00	1	12
Bournemouth	11	0.00	1	14
Bristol	11	0.00	1	12
Cardiff	11	0.00	1	12
Durham	11	0.00	0	12

24 hours to 5pm	Max (°C)	Min (°C)	Rain (mm)	Sun (hrs)
Edinburgh	11	0.00	0	7
Glasgow	11	0.00	0	6
Hull	11	0.00	1	7
Ipswich	11	0.00	0	5
Leeds	11	0.00	1	7
Lincoln	11	0.00	1	8
London	11	0.00	1	14
Manchester	11	0.00	1	12
Southampton	11	0.00	1	14
St Andrews	11	0.00	0	8
Shoreham	11	0.00	1	12

Moon and Sun

Moonrise: 7.36am, sets 8.39pm
Sun rises: London 5.44am, sets 6.37pm
Moonset: rises 5.33am, sets 6.55pm

Extremes (24 hours to noon today)

Warmest: Northwood, Gwynedd, 16c (61F); Caldicot, Gwent, 16c (61F); Wellington, Somerset, 16c (61F); Edinburgh, 16c (61F)

Coldest: Lerwick, Shetland, 3c (37F); Kinloss, Moray, 4c (39F); Aberdeen, 5c (41F); Leuchars, Fife, 5c (41F)

CORONAVIRUS CRISIS

'Narcissist' Corbyn boasts: Pandemic shows I was right

By Daniel Martin
Policy Editor

JEREMY Corbyn was accused of narcissism last night after he claimed the coronavirus crisis had proved him 'absolutely right' on public spending.

The outgoing Labour leader said he had been 'denounced as somebody that wanted to spend more money than we could possibly afford' to fix social wrongs.

But Mr Corbyn – who led his party to its biggest defeat since 1935 – told the BBC he had been vindicated by the vast sums the government was spending on the current crisis.

And he said it showed the Conservatives have now realised they need to invest in the state.

'I didn't think that it would take only three months for me to be proved absolutely right by the amount of money that government is now prepared to put in – and Parliament has just voted through – to deal with the coronavirus crisis,' he said.

Politicians fired up to condemn his comments.

Former Labour MP Tom Blenkinsop tweeted: 'Jeremy Corbyn says he was proved right on public spending. Or, alternatively, Corbyn has proven how much of a narcissist we knew he was. Goodbye Corbyn, we won't miss you.'

Former Tory leader Iain Duncan Smith added: 'This is arrogant nonsense. He is saying what we are going through now is like what life would have been under him. That is not a vision of hope, it's a vision of hell. This is a health and economic crisis which has nothing to do with normal politics, and if he thinks it is – thank God the electorate had the good sense to keep him out of power.'

Tory MP Andrew Percy said: 'Corbyn has a history of using the deaths of others to claim he has been vindicated, as he has done following terror incidents. Using this outbreak to create a false narrative about him being right is pretty disgusting.

'Moreover, it is untrue as it is only because public finances have been handled properly that we're able to access hundreds billions of pounds to support the fightback.'

In the interview, Mr Corbyn said the country had been badly prepared for the coronavirus pandemic because of ten years of austerity, of underfunding the National Health Service and underfunding our benefit system.

He added that the government had been shocked by the national emergency, as their instincts were for 'free market economics and the small state'.

'They've now suddenly realised that they have to spend money to invest in the state, as we have always said as a party, and they have come around to a lot of that position,' he said.

Mr Corbyn claimed the pandemic had changed the political landscape forever.

'I think our society and our politics will never be the same again, because we have suddenly realised as a society and a community, we need everybody and everybody has a contribution to make,' he said.

Mr Corbyn's insistence he had been right will provoke memories of Labour's claim it had 'won the argument' despite its 2019 general election drubbing. Asked if his leadership was to blame for December's defeat, he said he had received 'unprecedented level of abuse from the mainstream media', which had to be 'factored in'. He added he was proud of Labour's 'hugely expanded membership'.

The result of the Labour leadership contest to replace Mr Corbyn will be announced next Saturday, with Sir Keir Starmer still the frontrunner.

But due to the lockdown, there will be no event to announce the winner. It will instead be made via a press release at 10.45am.

■ The Liberal Democrat leadership contest was yesterday suspended for a year, with serving boss Sir Ed Davey set to continue until May 2021.

Comment – Page 26

'Arrogant nonsense'

'Pretty disgusting'

Boast: Mr Corbyn at Finsbury Park Mosque this month

Daily Mail 28 March 2020 pages 16 exposes Marxist exploitation of virus for political propaganda and financial gain.

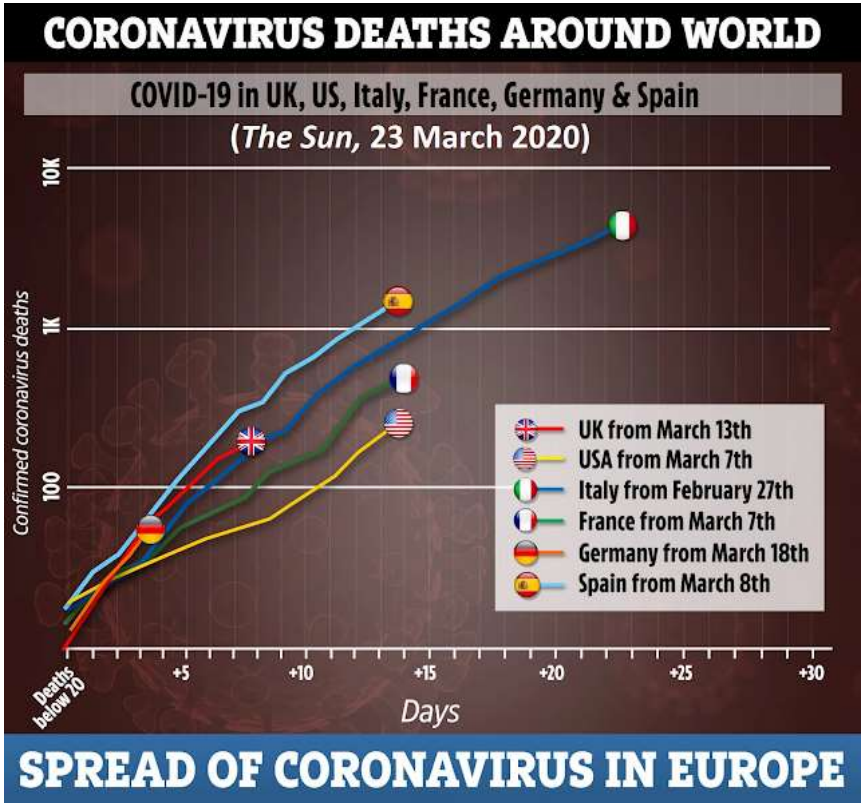
THERE'S a narrative emerging in this crisis which scares me more than the virus itself. And it's a narrative that says the lives of the elderly aren't worth saving. In fact Professor David King, the Government's former chief scientific adviser, has said as much: "We don't want 90-year-olds clogging up hospitals at this critical time."

He reckons people over 90 should think twice about going to a hospital during the outbreak and should even consider refusing treatment. So what are they supposed to do? Just stay at home gasping for breath

ordinary people of this co
busting a gut to find ways t
elderly – to get them food
cine and give them comfort
like Prof King seem to want t

I know that 27.3 per ce
over-80s who get the vir
hospitalisation and 70 pe
those will end up needing cr
And that's why Boris has to
one over 70 they must self-i
four months, which is a sen
humane way to ease the b
the NHS. But putting the on
elderly themselves – askin
NOT to ask for help if they g
an entirely different, not to

Daily Express 28 March 2020 page 15 Carole Malone exposes the eugenics like corruption of former UK Chief Scientific Adviser who wants to deny treatment to the most vulnerable people, a political policy so extreme, inhumane, immoral and unethical that it was not even used by Stalin.



Covid 19 deaths data 23 March 2020: exposing the fact that the UK covid-19 death rate acceleration is relatively bad, due in no small part to UK

government, BBC, and NHS tireless fake news propaganda telling people not to bother to wear face masks when exposed to concentrated airborne contaminants in supermarket queues, on crowded public transport, in hospitals etc, unlike several other far more humane, honest and rational countries which tell the truth to reduce the spread of disease.

Update: 29 March 2020

Just a bit more about my background that is relevant to this blog post (from a facebook comment to Carl Brannen), since this expands on some of the key technical arguments that underpin respirators:

I've always washed my hands regularly and kept away from other people as far as possible, due to having recurrent nasal and chest infections after having my tonsils and adenoids removed, but this hasn't stopped me from regularly getting flu, colds, etc. I went into this years ago, and viruses attached to small (5 micron diameter, say) droplets in exhaled air can hang around long after the person exhaling them has gone, especially indoors (hospitals, supermarket queue areas, nursing homes, houses, corridors, lifts, doctor's waiting rooms, etc) where there is no strong UV light to deactivate them. Viruses aren't living, so they can't be killed, so only a physical or chemical process, such as removing their outer coating of grease, will deactivate them. In the air, the droplets are too small to fall quickly to the floor, so they can remain airborne for hours until they stick to surfaces, contaminating them. Without effective CBN gas mask filters (paper masks are of little use for such tiny droplets), the only protection from staying 2 metres apart from other people is dilution. As for cigarette smoke that smokers exhale, in a strong breeze you get rapid dilution, but in still air or indoors you can get a build up of airborne contamination. Biological warfare studies on this sort of virus dispersion in the open air showed that in cloudy or nighttime conditions it can take 8-18 hours for viruses in the air to become inactive. In the sun, 2 hours. This seems to me to discredit claims that staying 2 metres apart provides enough protection. I'd like to see if they have any hard evidence for that. I know the UK Common Cold Research Centre long ago proved that a person sneezing can infect another person over 10 metres away, for the less infectious cold virus. Covid-19 seems more infectious!

NHS staff infecting patients with

thesun.co.uk/news/11267616/nhs-staff-patients-coronavirus/

Apps

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easons
leave
ome are:

To shop for basic necessities or pick up medicine

To travel to work when you absolutely cannot work from home

To exercise once a day, alone or with members of your household

Do not meet others, even friends or family

CORONAVIRUS
STAY HOME
PROTECT
THE NHS
SAVE LIVES

HM Government

CORONAVIRUS
STAY AT HOME
SAVE LIVES

Find

INVISIBLE THREAT NHS staff infecting patients with coronavirus as they show no symptoms and aren't being tested, admits health official

Alahna Kindred
27 Mar 2020, 10:03 | Updated: 27 Mar 2020, 10:34

Brits Born Between 1960 And 198
Life Insurance Are In For A Shock
Life Cover Scout

"NHS Staff infecting patients with coronavirus as they show no symptoms and aren't being tested, admits health official" - Evidence that NHS staff are actually driving the pandemic by spreading infe 19 and not using effective protective masks, since they seem to assume that all untested people are uninfected (The Sun, 27 March 2020). The WHO, the NHS and others are simply ignoring gas ma travel on crowded public transport (the London Labour Mayor has cut tube train services to ensure that essential workers are crowded together, which spreads viruses by increasing the risk of cross-i etc., and are pointing out that ineffective paper masks are ineffective! Duh. This is lethal fake news propaganda, that costs lives. It is akin the "Nukemap" and other forms of mass deception, that are journalists who refuse to take effective live saving straightforward countermeasures seriously and make hate attacks on anyone debunking their ill-informed abu

UPDATE: 31 March 2020

On the day of the largest rise in UK deaths from covid-19, 400 in the past 24 hours, there are two positive news stories about the fight against lying propaganda on masks from the hubris covid-19 money exploiting anti-civil defence W.H.O., the fear-mongering pandemic exploiting The Guardian newspaper, BBC, NHS, UK Government / "healthcare experts" and general Marxist anti-civil defence propaganda folk like Corbyn's "opposition" in Parliament:

(1) **Austria makes masks compulsory as protection debate shifts - Financial Times**.

(2) **CDC considering recommending general public wear face coverings in public - Washington Post**.

"Officials at the **Centers for Disease Control and Prevention** are considering altering the official guidance to encourage people to take measures to cover their faces amid the coronavirus pandemic, according to a federal official who spoke on the condition of anonymity because it is an ongoing matter of internal discussion and nothing has been finalized." **- Washington Post, 31 March 2020**.

They should recommend full gas masks if possible, for the vulnerable who have to visit hospitals for heart conditions etc. Please, please, please distribute military stockpiles and escape hoods for chemical, biological and radiological warfare. They WILL save lives until a vaccine is developed. Washing hands and 2 metre distancing is NOT enough! Lying COSTS LIVES.

Avon Protection NH15 Gas Mask and Respiratory System CBRN Escape Hood. Even cheaper masks have a massive effect in reducing deaths from covid-19 as the inset graphics at the bottom of this picture illustrate - countries where masks are routinely worn like Japan have a relatively small death rate from the virus. Please see **Sui Huang's report, COVID-19: WHY WE SHOULD ALL WEAR MASKS — THERE IS NEW SCIENTIFIC RATIONALE**, and the **graphs at the report Universal mask-wearing is the most overlooked COVID-19 lifesaver**.

The UK *Financial Times* **reports: "Austria is to join a small but growing number of European countries making the wearing of face masks outside the home compulsory amid shifting debate over the medical gear's protective utility.**

"Authorities would start distributing millions of free face masks at the entrances to all supermarkets from midweek onwards, chancellor Sebastian Kurz announced on Monday. Shoppers will only be permitted inside supermarkets and other open stores,such as pharmacies, if they are wearing masks.

"While masks are a familiar sight throughout Asia, the only other countries in Europe to require the wearing of masks in public space are Slovakia, the Czech Republic and Bosnia-Herzegovina. ... The WHO and many governments say healthy people do not need to wear a mask unless they are taking care of a person with suspected Covid-19 infection. ... French trade unions representing shop assistants, factory workers and police officers have demanded safety equipment for all staff or else they would exercise their right to refuse to work in dangerous conditions.

"In Italy, where the outbreak has been the deadliest in the world, the wearing has with in a month gone from attracting disapproving looks to being socially obligatory."

This news and the evidence for gas masks, however, is STILL being deliberately suppressed by the W.H.O., BBC, etc., while people die needlessly and gas masks remain un-used in stockpiles at military quartermasters stores. The BBC today is also reporting more fake news on the number of "confirmed covid-19 cases" in the UK showing "green shoots", when that is *just due to the limit on the small number of tests being done daily*. In plain unvarnished language, the truth is this: if you only do 5000 tests a day, then you are going to find the number of "confirmed cases" limited by that testing rate. You can never discover 5001 confirmed cases a day if you only do 5000 per day. Official lying in the UK for BBC fake news, and the unquestioning acceptance of

falsehoods on masks to ensure all funding goes into Marxist state organisations instead of actually protecting the vulnerable from needing to go into covid-19 infected hospitals, is a national tragedy.

Update: 2 April 2020

The Mirror reports:

"The coronavirus lockdown is 'nowhere near' its end with cases expected to rise for weeks, a senior health official has warned. ... The number of deaths soared by 563 in one day yesterday - to a total of 2,352 as of 4pm on March 31."

The Sun reports:

"... NHS staff may be forced to stop using life-saving treatment, such as ventilators, on dying patients if others with the virus are more likely to survive. ... Staff at the NHS Nightingale Hospital in London have been told to brace themselves for death ahead of the opening of the new field hospital. Volunteers at the 4,000-bed field hospital set up in the ExCel Centre in the east of the capital have reportedly been warned up to 80 per cent of coronavirus patients who are on ventilators will probably die."

This estimate, that "up to 80% of coronavirus patients who are on ventilators will probably die" (based on Italian experience), should be a warning to rely on PROTECTION FOR PREVENTION e.g. gas masks, instead of putting all the eggs into one basket and merely relying on buying ventilators for treatment. Protection should always be the number 1 priority. It is proved to work!

From a Facebook discussion with Carl Brannen on whether lengthy clinical trials are needed before gas masks are used to save the lives of the most vulnerable people:

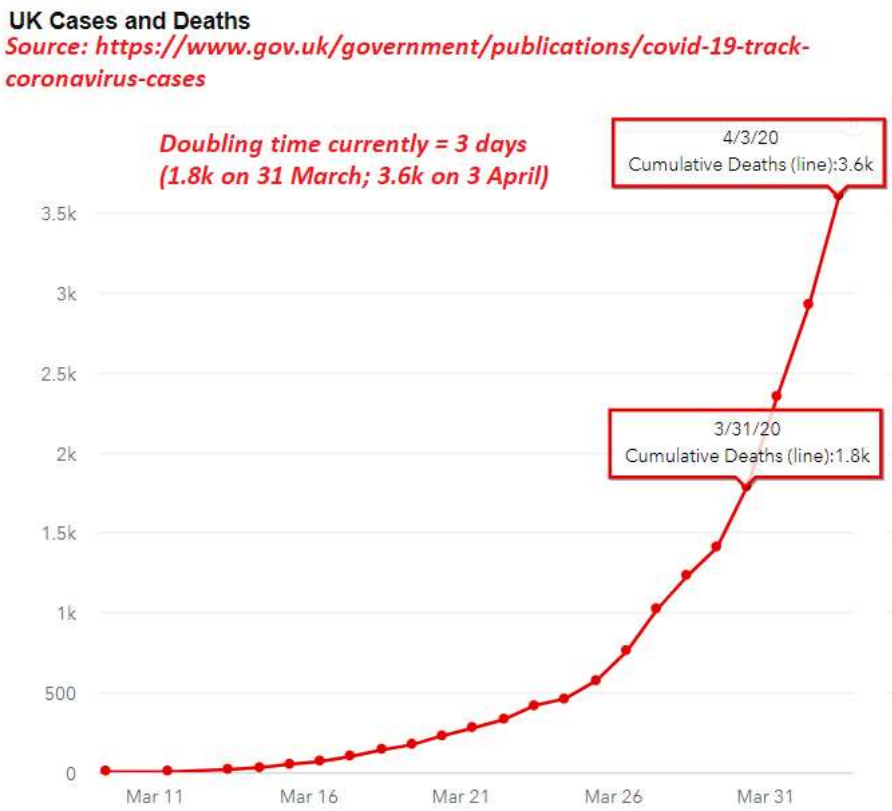
Masks were proof tested successfully against the common cold virus back in the 1960s by the UK Common Cold Research Station in Wales (since closed down). It's curious that some experts claim that superstring theory can be accepted as valid science without objective tests and experimental back up, while demanding evidence that filters work as filters. Put it like this, the UK government and BBC currently claims that standing 2 metres apart will stop infections. Where is the real scientific double blind experiment to verify that claim which is currently in use? It's pretty obvious that if someone is exhaling virus contaminated droplets for a period of time in an enclosed space like a bus, tube train, lift/elevator, ambulance, hospital corridor, etc., you will get airborne contamination building up just as if they were a smoker and the exhaled smoke was building up. This requires protection.

The current W.H.O. recommendation for front line medical workers of a paper nose/mouth mask and an open sided face shield will NOT prevent small airborne droplets getting into the eyes through the gaps around the perspex face shield (which is designed to stop blood squirting into the eyes during surgery, not to prevent small airborne droplets). Where is the proof that the existing protective W.H.O. advice is any use for medical workers? It is just as void as the W.H.O. claim that civil defence gas masks should not be used by the vulnerable. A gas mask would provide full eye protection as well as mouth and nose protection. This doesn't need any clinical trials, for the following reason. If someone tells me that hitting my thumb hard with a hammer will hurt, I don't need to "do the experiment" to decide whether this is true. Theoretical calculations will indicate what the likely result is with sufficient accuracy for my purpose. Gas masks have been tested successfully since 1915 and they will provide protection now if used. There is no need for yet more trials to delay life-saving protection.

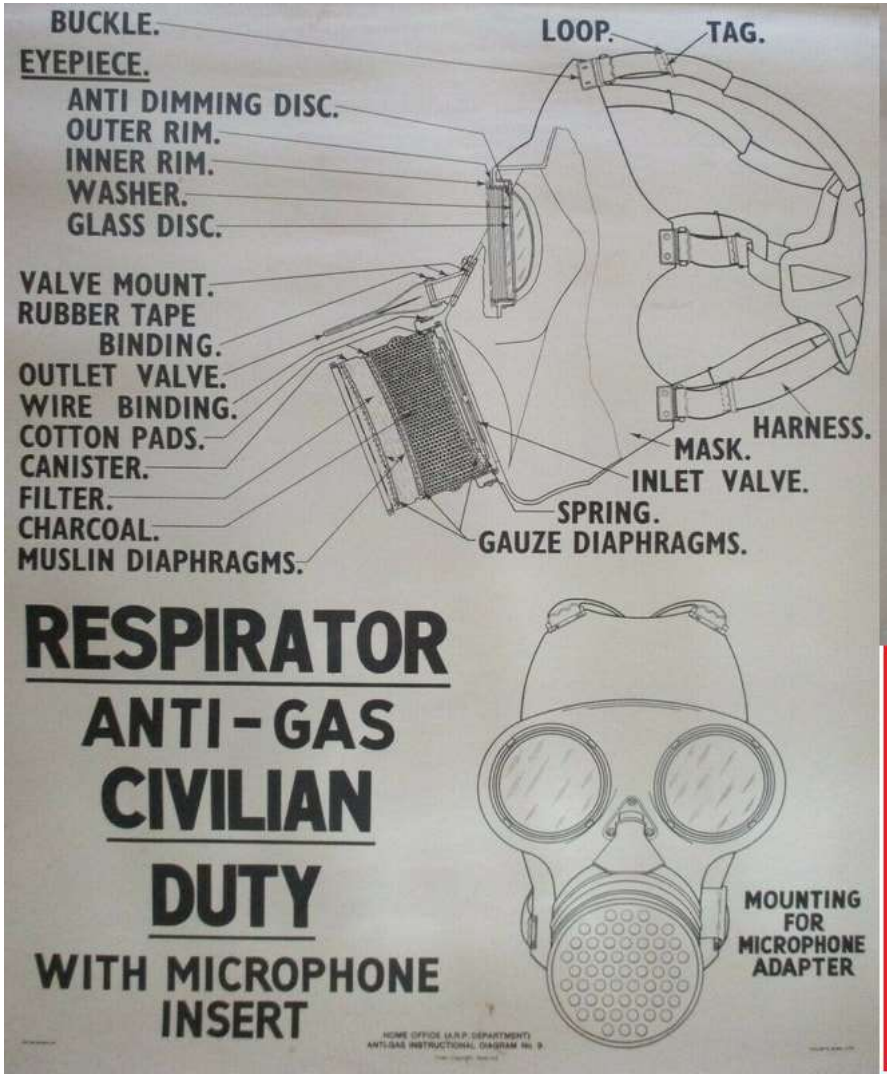
Update: 4 April 2020

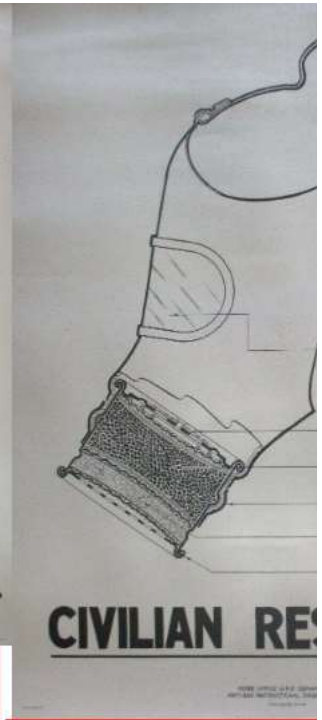
Unfortunately, the latest data indicates a 3 day doubling time in the death rate in the UK from Covid-19, i.e. 1.8k deaths on 31 March to double that, 3.6k deaths on 3 April, and the BBC is now reporting that masks are recommended in Los Angeles and New York, but NOT in London, yet is still trying to hypocritically "ridicule" President Trump's decision not to wear a mask when alone in the Oval Office, based on BBC/WHO advice NOT to wear masks, while still stating that people in the UK should not wear any protection! Get your facts straight, BBC! At what point does the police arrest the BBC fake news "journalists" for causing

deaths by spreading deceptive propaganda?



Update (6 April 2020):





Civil Defence Instructors' Notes

WARDEN SECTION

Functional and Supplementary Notes

LONDON
HER MAJESTY'S STATIONERY OFFICE
1960

list of respirators.

Civilian respirator
Small Child's respirator (C2).
Baby Helmet respirator (C3).
Helmet respirator (C4).
Hospital respirator (C5).

HOME OFFI

SCIENTIFIC INTELLIGEN

OPERATIONAL N

RESTRICTED

Crown Copyright

Notes on BW and

The new Civilian Respirator (C7), fitting which is comfortable for long excellent protection against BW and CW

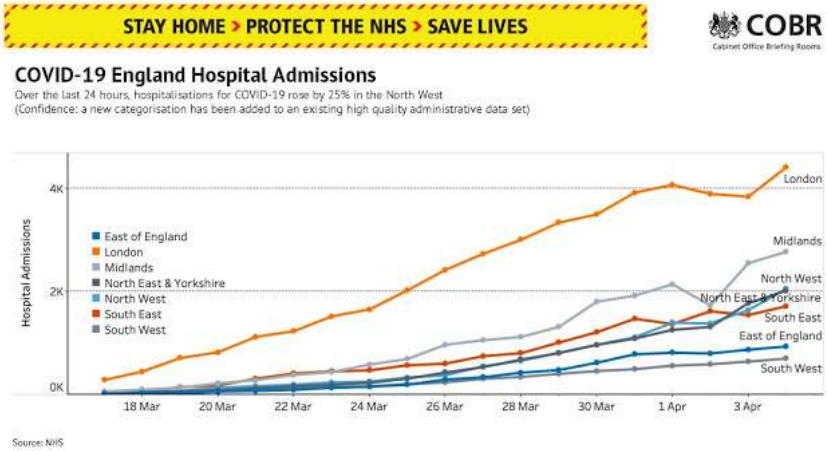
BW

CD Pamphlet No. 7 on BW is still purposes but the emphasis now is more

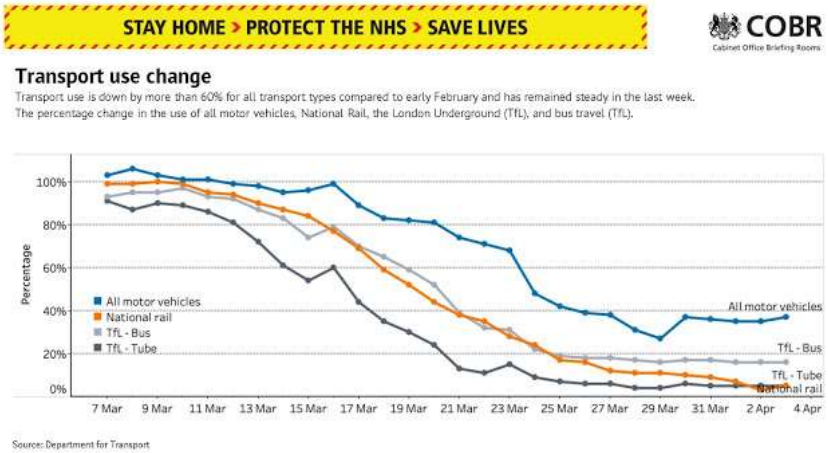
There were a wide range of gas masks issued to civilians prior to WWII (illustrations of some WWII gas mask civil defence posters are shown above), which were all updated and improved with an added blue/green coloured contex filter unit to increase their effectiveness against smaller particles, which were taped on by civil defence workers during gas mask inspections during the war. Filters could be replaced/updated if necessary.

As the **1960 UK *Civil Instructors Notes: Warden Section* shows, an updated general civilian gas mask, the C7 (developed at Porton biological warfare centre in 1951) was stockpiled together with special masks for those with breathing difficulties, for small babies, kids, and also for unconscious hospital patients, ready for distribution by the UK Civil Defence Corps long after WWII and well into the 1960s** (Marxist-controlled PM Harold Wilson finally abolished the CD Corps in 1968 under military anti-civil defence lying propaganda from the USSR's union/political/media fronts in the UK, which wanted to make the UK more vulnerable so that only disarmament would seem to be "only option" for protection against dictatorships), and the **Restricted 1965 UK government *Scientific intelligence officers' operational notes, section ON 23:1 (Notes on Biological and Chemical Warfare)* states:**

"The new Civilian Respirator (C7), with pneumatic tube face fitting which is comfortable for long periods of wearing, affords excellent protection against Biological Warfare and Chemical Warfare attacks." (A key concern in the cold war was aircraft-sprayed airborne viruses.)

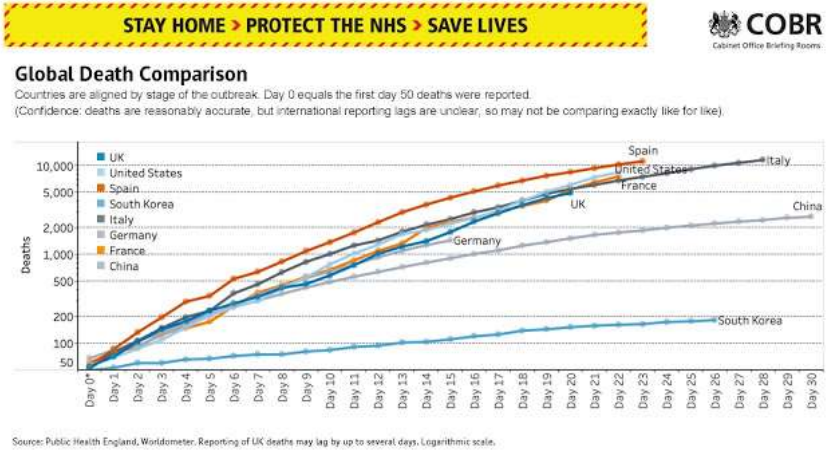


UK Government 6 April 2020 hospital admissions Covid-19 data for England shows continued increases despite two weeks of supposed lock down: proof of failure of the current policy.

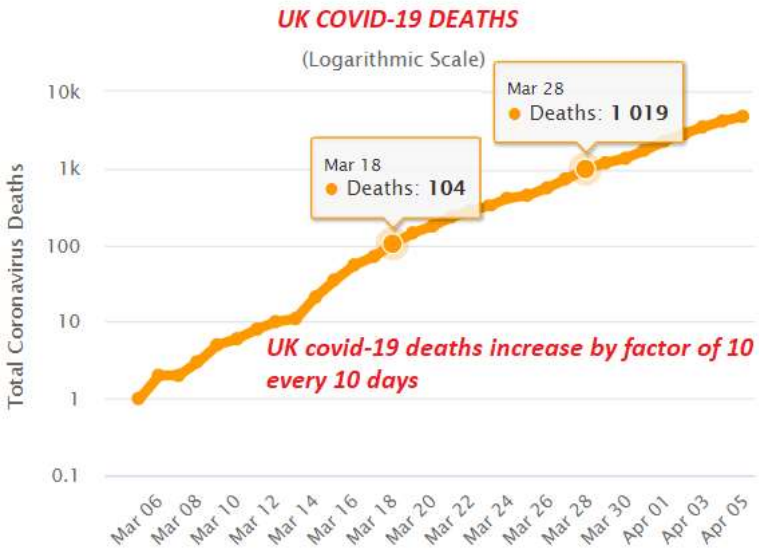


**UK Government 6 April 2020 FAKE NEWS on covid-19 IGNORES additional over-crowding of tube trains due to restriction of services and IGNORE food supermarket queuing which is now a major main infection route. The infection reproduction number (R number) suggested by these misleading data has fallen, but in reality the tube, bus and railway had ALREADY spread infection across communities by the time of the fall in the statistics above, and the main route thereafter is local supermarket food ration queues: people can now only buy 3 items of one sort in supermarkets due to UK ration restrictions to "keep food on supermarket shelves", so many people are being forced to shop MORE FREQUENTLY THAN PREVIOUSLY, and can have to queue for an hour, which increases exposure. They might as well have added a curve to the graph of air travel statistics as a fake "proof" that the "lock-down" is useful. It would similarly prove nothing, because by the time air travel was locked down (by passengers choosing not to fly, not by any sensible government order), the virus had *already been transmitted to all regions of*

the country so it was a case of "shutting the stable door after the horse has bolted." No sense in interpreting this fake news is being included in the "sophisticated" computer models of the pandemic, used to "justify" the lock-down dogma. It is a self-fulfilling prophecy because no amount of failure can ever "disprove" the government policy: its proponents ignore criticisms, hypocritically do the opposite of the advice they dish out to other people (e.g., **Scotland's chief medical officer - who fronted the "stay at home" government adverts - broke her own advice by travelling to spend her weekends at a second holiday home during the "lock-down"**), and blame other folk for their failure instead of correcting their errors!



UK Government 6 April 2020 covid-19 global deaths showing that even very simple paper face masks in China and South Korea have drastically cut death rates in those countries unlike the lock down in Italy UK and Spain. Despite this, the W.HO., BBC, media generally (pretending that science is an authoritarian religion of bigoted geniuses who must never be investigated, questioned, or debunked) and the UK Government continue to advise DO NOT WEAR MASKS, a policy of maximising the spread of infection causing maximum deaths. This particular graph, from the UK Prime Minister's Twitter feed, is also bigoted by normalization for curves to begin - day 0 - on the first day 50 deaths or more were reported. This "trick" helps to cover up the fact that the UK death rate acceleration (gradient of slope of the line) is: *(1) particularly high, and (2) not flattening out like the graphs of other countries. With the logarithmic death scale, a straight line represents an exponential (geometric) rise, and the UK seems to be only country with no curving towards a plateau.* The Prime Minister himself is now in hospital with a temperature, so may lack control.



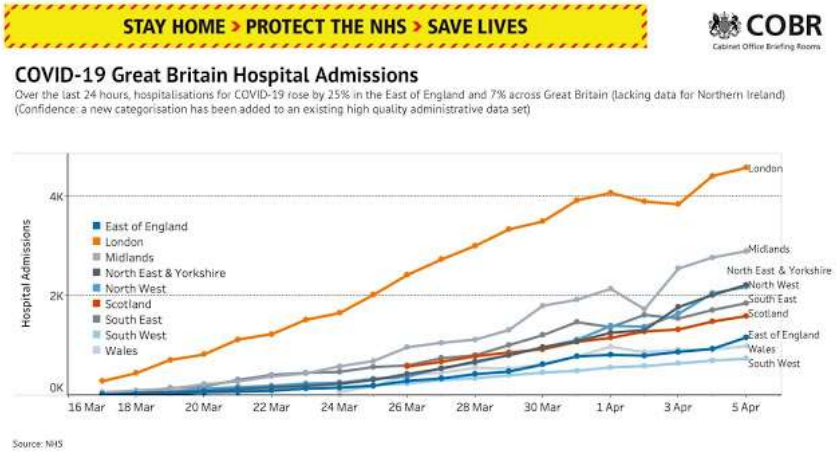
UK covid-19 deaths increasing by factor of 10 every 10 days.

Update: 7 April 2020

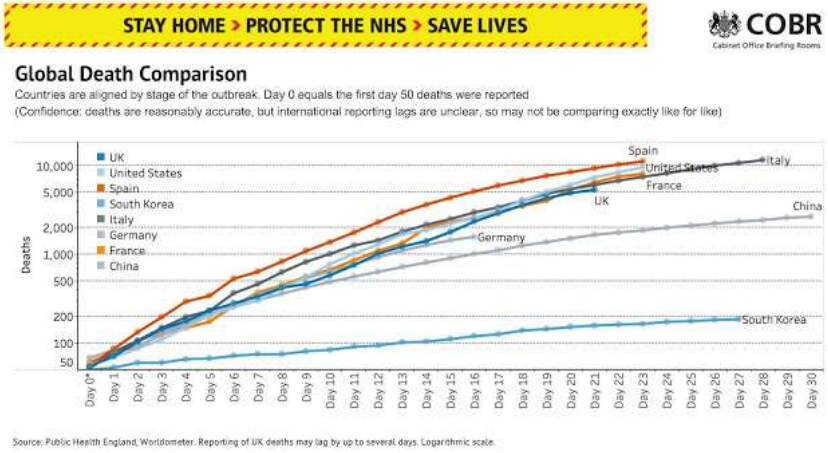
The **UK has just reported its highest ever covid-19 daily deaths statistic of 854**, while it is reported that the **UK Government bought 17,500,000 *defective* covid-19 antibody tests which are useless and misleading, instead of tested gas masks to prevent infection, according to the UK newpaper, *Financial Times* (which as usual FAILS to even bother to mention the *gas mask option as an alternative that WILL WORK to get out of the lock-down*):**

"The UK government has admitted that none of the 17.5m antibody tests it ordered in the fight against the coronavirus pandemic work well enough to be used. ... The government is working with nine companies that have developed coronavirus antibody tests, which screen for whether someone has recovered from the disease and is likely to be immune. The tests are being assessed by researchers at Oxford university — but each one has so far proven unreliable. ... "We see many false negatives (tests where no antibody is detected despite the fact we know it is there) and we also see false positives. None of the tests we have validated would meet the criteria for a good test as agreed with the Medicines and Healthcare products Regulatory Agency. This is not a good result for test suppliers or for us," ... The government issued guidance about its testing plans at the weekend, saying that if the antibody tests "do not work, no further tests will be purchased and, where possible, orders will be cancelled"."

The "UK Prime Minister" (whoever that is; Mr Johnson is currently on oxygen in intensive care as a result of the "(in)effectiveness" of his 2 metre/hand-wash "lockdown" rules) has now published on Twitter more graphs with extra data, proving the ineffectiveness of the lock-down for another couple of days:

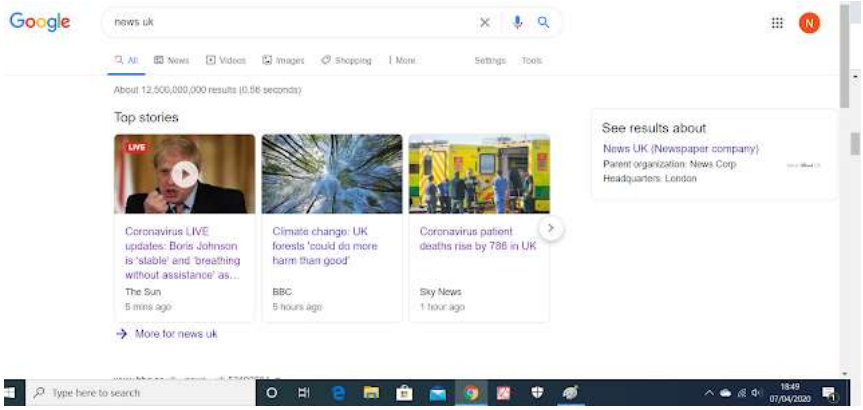


UK Prime Minister's 7 April 2020 data release showing increased hospital admissions data to 5 April, despite 2 weeks of lock down policy. SOURCE: "UK PRIME MINISTER" (currently in intensive care using up NHS oxygen while proving that his own 2-meter + handwash rules of lockdown are ineffective even for the top people, never mind those who don't have soap because the supermarkets have sold out a month ago), https://twitter.com/10DowningStreet/status/1247491180880957440/photo/3

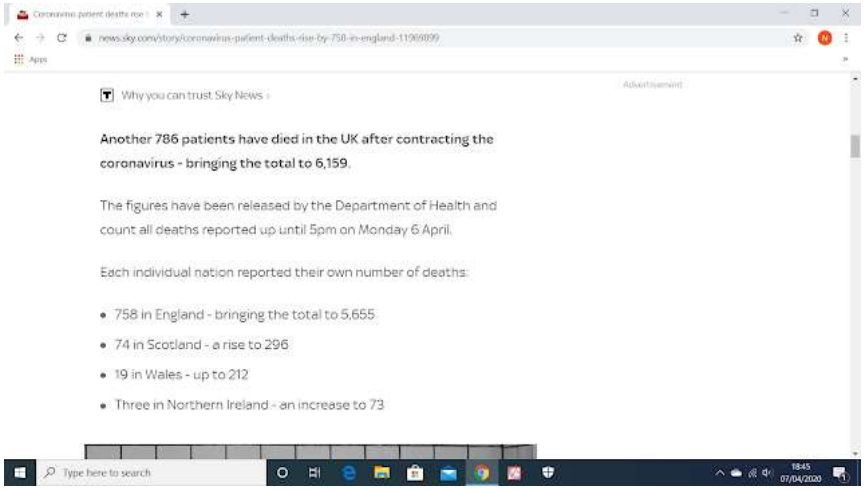


UK increased deaths data from the Prime Minister as of 7 April 2020: still no significant evidence that the UK's exponential acceleration in deaths (a straight line on a log-linear graph) is reaching its asymptotic limit, unlike other countries. (Source: **https://twitter.com/10DowningStreet/status/1247491180880957440/photo/4**).

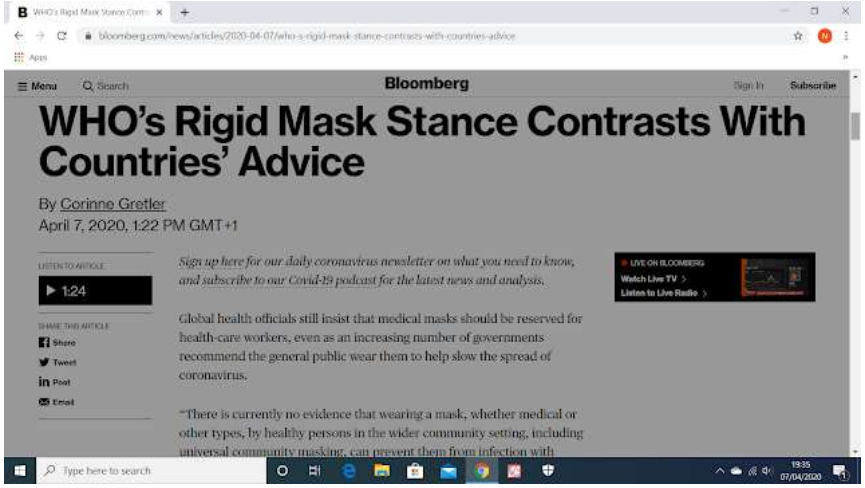
Google is now spreading UK Sky TV fake news on the number of covid-19 deaths, 7 April 2020:



Google is now promoting UK Sky TV fake news that "Coronavirus deaths rise by 786 in UK" when in fact the figure is 758 for England, 74 Scotland, 19 Wales and 3 Northern Ireland = 854.



UK TV Sky fake news claims that 786 = 758 + 74 + 19 + 3. Google is still relying on UK TV Sky fake news. If it can't even add up, why trust it? It has been repeating fake news claims that masks don't protect people against respiratory disease, like W.H.O. quacks.



Bloomberg

WHO's Rigid Mask Stance Contrasts With Countries' Advice

By Corinne Gretler
April 7, 2020, 1:22 PM GMT+1

Sign up here for our daily coronavirus newsletter on what you need to know, and subscribe to our Covid-19 podcast for the latest news and analysis.

Global health officials still insist that medical masks should be reserved for health-care workers, even as an increasing number of governments recommend the general public wear them to help slow the spread of coronavirus.

"There is currently no evidence that wearing a mask, whether medical or other types, by healthy persons in the wider community setting, including universal community masking, can prevent them from infection with

World Health Organisation lies that masks to prevent airborne infections have no evidence, just as "bigoted experts" claimed that before the Grenfell Fire there was "no evidence" that inflammable cladding would result in fire and massacre. Other W.H.O. arguments are identical to those against civil defence gas masks made by lying hubris big shot quacks like Professor Joad and the "Cambridge Scientists Antiwar Group" before WWII (ignored by the UK government in 1938, thankfully). By analogy, as Herman Kahn used to point out, the specious argument could have been made that sufficient lifeboats on the Titanic would add weight and make the ship sink faster, before anyone could get into them (a lie, but the kind of crap used by deniers of truth). In 1986, when a low down engineer tried to object to the launching of the Space Shuttle in the freezing conditions that made the booster rubber O-rings brittle, leaking fuel and causing the explosion of the Shuttle, his manager simply retorted with the exasperated question: did he want to delay the launch until the warm summer? The reality is that in we are NOT getting any "debate" on masks. Even Google is opting to go against mavericks and rank quack W.H.O. mass murdering anti-masks propaganda ahead of sites giving the plain facts that debunk W.H.O. liars. This is precisely the same situation that will exist for civil defence in any nuclear or chemical war emergency: the Marxist "professionals" (money-makers) will "protect their own interests (funding)" by attacking civil defence protective measures as if they are dangerous. They have no humanity or decency. They never did have.

Updates: 8 April 2020

RETURN TO THE FRONTLINES, TO THE FRONTIER – Mauro Ferrari

Please forgive me, but I believe that the priority now is to stop the pandemic. The priority is to save possibly millions of lives. It takes precedence over careers, politics, even the beauty of certain science. Please forgive me, but I believe in science at the service of society, especially when it counts the most. And now it does count the most, since it is only through science that Covid-19, and its successor pandemics, will ever be defeated.

My tenure as President of the European Research Council (ERC) has come to an end, as earlier today I tendered my resignation to President Ursula von der Leyen. My appointment was announced in May 2019, to take office on January 1, 2020. In the intervening 7 months I volunteered my time to the ERC, motivated by my enthusiasm for the great reputation of this world-leading funding agency, my commitment to the

benefit similarly from a broad initiative on Covid-19.
and deeply disturbed, by the unanimous rejection.

My disappointment was partially relieved, when Presi
reached out asking for my input on how the pandemic
days, I developed a plan, over several iterations, to wh
directives. The very fact that I worked directly with h
thunderstorm. The proposal was passed on to differen
administration, where I believe disintegrated upon im
disappointed by the European response to Covid-19, f
absence of coordination of health care policies among
opposition to cohesive financial support initiatives, the
closures, and the marginal scale of synergistic scientifi

idealistic dream of a United Europe, and my belief in serving the needs of the world, through service to the best of science.

Those idealistic motivations were crushed by a very different reality, in the brief three months since I took office. Disquieting early warning, signs gave way to the painfully icy, cold recognitions of a world entirely different from what I had envisioned. The Covid-19 pandemic shone a merciless light on how mistaken I had been: In time of emergencies people, and institutions, revert to their deepest nature and reveal their true character.

As it became evident that the pandemic would be a tragedy of possibly unprecedented proportions, I moved that the European Research Council should establish a special program directed at combating Covid-19. I believed this was justified by the expected burden of death, suffering, societal transformation, and economic devastation, especially striking the less fortunate, the weakest in the societies of the world. I thought that at a time like this, the very best scientists in the world should be provided with resources and opportunities to fight the pandemic, with new drugs, new vaccines, new diagnostic tools, new behavioral dynamic approaches based on science, to replace the oft-improvised intuitions of political leaders.

The proposal was rejected unanimously by the governing body of the ERC, without even considering what shape or form it may take, and to such an extent that my presidency became fully opposed by them, in every respect. The rejection of my motion was based on the notion that the ERC funds "Bottom-Up" research: It does not specify focus areas or its funding objectives, nor does it consider beneficial impact on society as a funding criterion. In view of the transparency policies of the ERC, my motion and the responses of the governing body are in the domain of public information.

True, the European Commission does have "Top-Down", focused funding programs, and several of those have been directed in part against the pandemic. However, they form a largely uncoordinated cluster of initiatives, with limited emphasis on blue-sky, breakthrough discovery. True, the ERC rightfully prides itself as the agency that funds the elites of excellence in the sciences, based on the investigators' choices of what projects they wish to submit for funding. Yet, in my idealistic fantasies, I thought that at times like these, the very best should pick up their best weapons, and go to the frontier, to the front-lines, to defeat this formidable enemy. I argued that this was not the time for scientific governance to worry excessively about the subtleties of the distinctions between Bottom-Up versus Top-Down research, or whether all scientific sectors would

I am afraid that I have seen enough of both the goverr operations at the European Union. In these three long excellent and committed individuals, at different level and the EC. However, I have lost faith in the system it decisive, focused, and committed actions – a call to res an aspiration to make a difference against this devasta opportunity to offer my sincere, and humble gratitude the European system for this time period, which prove and yet too long.

Now it is time for me to return to the frontier, to the fi Covid-19, with real resources and responsibilities, awa my political skills are clearly inadequate, and again at need new medical solutions. So far, despite my formal serve as an advisor to the European Commission. Foll honored and happy to continue to provide my most co transparent manner, for free, and without the need fo if Europe or anyone else wishes to ask.

Source: https://www.ft.com/content/f94725 a5f6-2e046ae78e95

EU science chief resigns with blast at corona European Research Council's Mauro Ferrari h action on Covid-19, 8 April 2020

Above: Mauro Ferrari resigns as EU top scientist after his lifesaving covid-19 pandemic work is blocked by EU bureaucracy **(from Financial Times, 8 April 2020): "Please forgive me, but I believe that the priority now is to stop the pandemic. The priority is to save possibly millions of lives. It takes precedence over careers, politics, even the beauty of certain science. ... Those idealistic motivations were crushed by a very different reality, in the brief three months since I took office. Disquieting early warning, signs gave way to the painfully icy, cold recognitions of a world entirely different from what I had envisioned. The Covid-19 pandemic shone a merciless light on how mistaken I had been: In time of emergencies people, and institutions, revert to their deepest nature and reveal their true character. As it became evident that the pandemic would be a tragedy of possibly unprecedented proportions, I moved that the European Research Council should establish a special program directed at combating Covid-19. I believed this was justified by the expected burden of death, suffering, societal transformation, and economic devastation, especially striking the less fortunate, the weakest in the societies of the world. I thought that at a time like this, the very best scientists in the world should be provided with resources and opportunities to fight the pandemic, with new drugs, new vaccines, new diagnostic tools, new behavioral dynamic approaches**

based on science, to replace the oft-improvised intuitions of political leaders. The proposal was rejected unanimously by the governing body of the ERC, without even considering what shape or form it may take, and to such an extent that my presidency became fully opposed by them, in every respect."

The European Union's top scientist Mauro Ferrari thus is forced into resigning over covid-19 EU Brussels bureaucracy and red-tape that prevents life saving countermeasures:

"He had argued for the ERC to create a new, more hands-on initiative to provide scientists and health care workers with more help and resources - but his proposals were apparently rejected.

"Prof Ferrari bemoaned the 'complete absence of coordination of healthcare policies among member states' and the opposition to what he described as a 'cohesive financial support' package.

"Mr Bahrke said he hoped the commission would 'be able to share more information very soon' on the circumstances of the resignation but did not elaborate further. **"As the coronavirus spread from China to Italy, Austria, Spain and other EU nations, the bloc was heavily criticised for not acting forcefully enough to set up a coordinated response." - Daily Mail.**

Here's more on the underlying Marxist ultra left World Health Organization - W.H.O. (the anti mask bigots who use facetious arguments against masks which would stop the pandemic until a vaccine is available) - whose specious political bigotry is exposed and debunked by Michael Collins, Council on Foreign Relations (*any attempt by Trump to nail Marxist China's handling of the spread of covid-19 across the world via the W.H.O. propaganda machine has so far been dismissed as "racist" by mainstream USA media - criticise USSR Marxism in the cold war and you're a "racist", criticise Chinese Marxist plots now and again the same tired old lying tactic, all these big bully organizations put a "minority race" head figure in as President to allow that tactic, which prevents any type of proper criticism of mass murder, just as critics of Mugabe and Pol Pot were simply dismissed as "racists" by the REAL racists, the nasty Marxists!*):

Nige Cook | The WHO and China: Dereliction

cfr.org/blog/who-and-china-dereliction-duty?fbclid=IwAR3lxzNwJhLJe0vOW0p10MZowuqGMGRP9e9ivlAuOA-4qiNrr6Dqd09bT4g

Apps

Alert — **CFR is fully operational. All in-person events, however, are suspended. Click for resources on the coronavirus (COVID-19**

COUNCIL *on* FOREIGN RELATIONS

Trending **Coronavirus** **North Korea** **Iran** **Afghanistan** **Election 2020**

from Asia Unbound

The WHO and China: Dereliction of Duty

The WHO's weak response to China's mishandling of the COVID-19 outbreak has laundered China's image at the expense of the WHO's credibility. The time is ripe for clear leadership from the WHO based on science not politics.

Blog Post *by* Michael Collins

Add caption

WHO political lying myth based propaganda on covid 19 is debunked and exposed for the Marxism it is:

The WHO and China: Dereliction of Duty

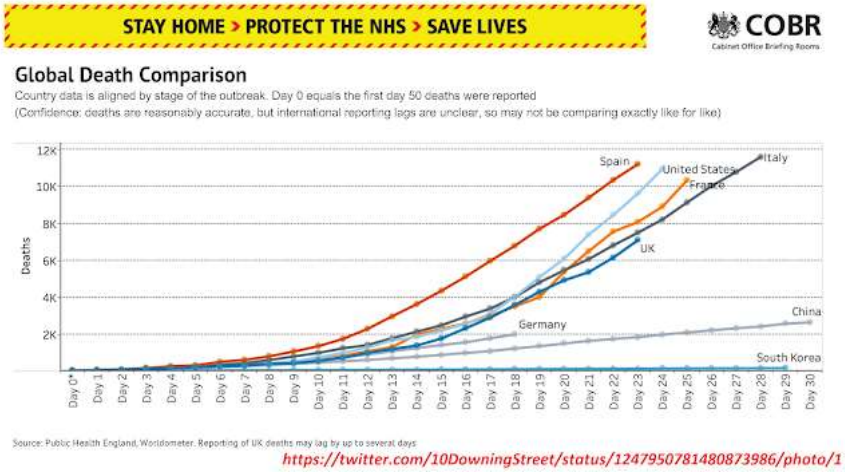
The WHO's weak response to China's mishandling of the COVID-19 outbreak has laundered China's image at the expense of the WHO's credibility. The time is ripe for clear leadership from the WHO based on science not politics.

Blog Post *by* **Michael Collins**

Michael Collins is a research associate for Asia Studies at the Council on Foreign Relations.

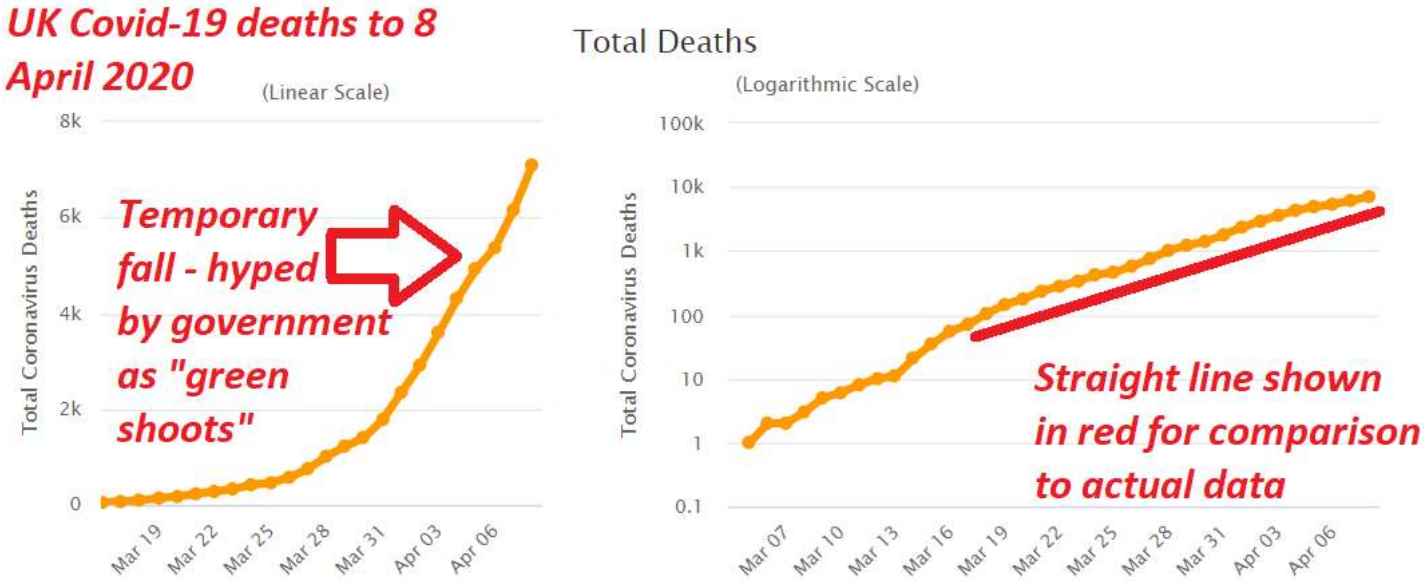
The World Health Organization (WHO) was founded in 1948 with the lofty goal of ensuring the attainment of the highest possible level of health by all people. ... However, the WHO is now facing rising international criticism over outsized Chinese influence in the organization's response to the ongoing COVID-19 outbreak. ... The WHO Director-General (DG) Dr. Tedros Adhanom Ghebreyesus has been an outspoken advocate for the Chinese government's COVID-19 response. On January 28, Tedros **met** with Chinese President Xi Jinping in Beijing. Following the meeting, Tedros commended China for "setting a new standard for outbreak control" and praised the country's top leadership for its "openness to sharing information" with the WHO and other countries. Yet in Wuhan, the epicenter of the COVID-19 outbreak, Chinese officials were busy **arresting** and punishing citizens for "spreading rumors" about the disease, while online censors controlled the flow of information. Despite growing evidence of China's mishandling of the outbreak and rising domestic Chinese outrage over the government's censorship, Tedros remains unmoved. On February 20 at the Munich Security Conference, Tedros **doubled down** on his praise for China stating that "China has bought the world time." In contrast to his effusive praise for China, Tedros has been quick to **criticize** other countries for their responses to the outbreak. ... More concerning is Tedros' delay in declaring COVID-19 a public health emergency of international concern (PHEIC). On January 23, the WHO's emergency committee was **split** on whether to declare a PHEIC. With final authority resting with the DG, Tedros decided to wait despite **admitting** that "this is an emergency in China." A week later, he **declared** a PHEIC. By that point, confirmed cases of COVID-19 had **increased** tenfold with 7,781 cases across 18 countries. ... What has changed in the nearly two decades since the SARS epidemic? As always, it is important to follow the money. Since its founding, the WHO has required voluntary budgetary contributions to meet its broad mandate. In recent years, the WHO has grown more reliant upon these funds to address budget deficits. ... China's WHO contributions have grown by 52% since 2014 to approximately $86 million. The WHO's weak response to China's mishandling of the COVID-19 outbreak has laundered China's image at the expense of the WHO's credibility. The rate of infection in China appears to be declining, but the risk of a global pandemic is increasing. The time is ripe for clear leadership from the WHO based on science not politics.

Update: 8 April 2020



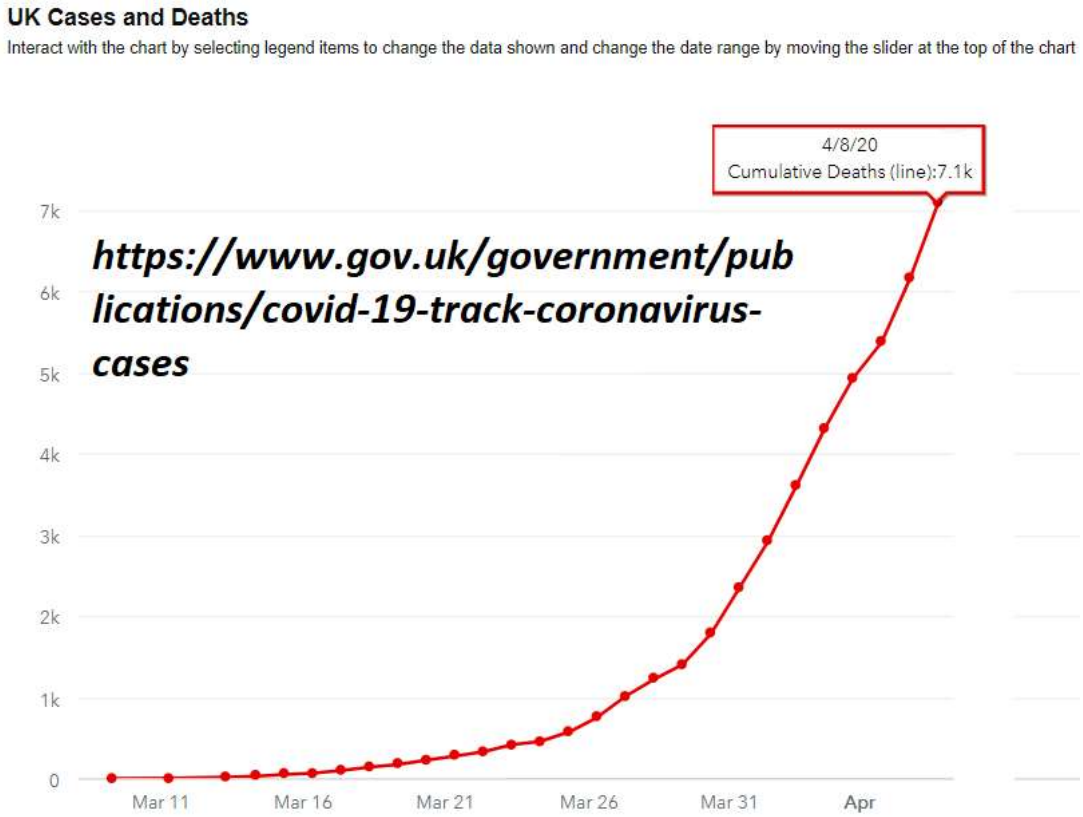
UK Prime Minister's twitter data release of 8 April 2020, graph of covid-19 deaths showing relatively steep UK curve with no indication that the 2.5 weeks of lock-down is working to halt the pandemic.

Source: **https://twitter.com/10DowningStreet/status/1247950781480873986/photo/1**

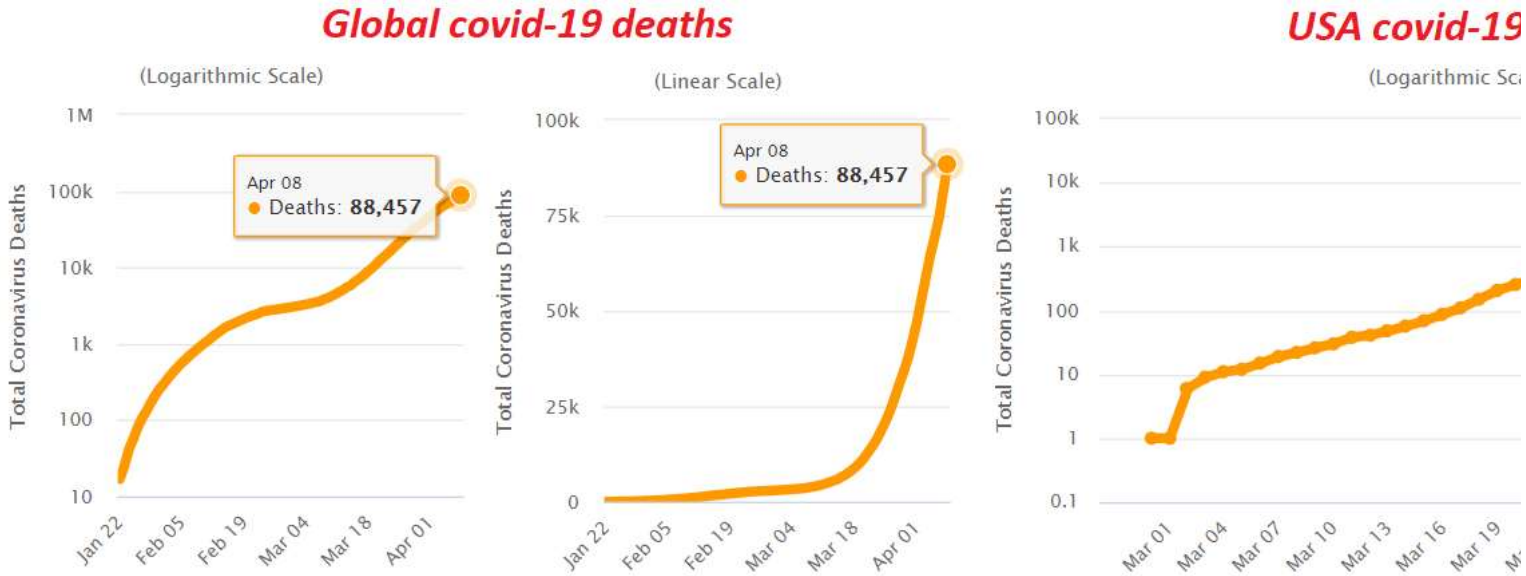


UK 8 April 2020 graph of covid-19 deaths showing relatively steep UK curve.

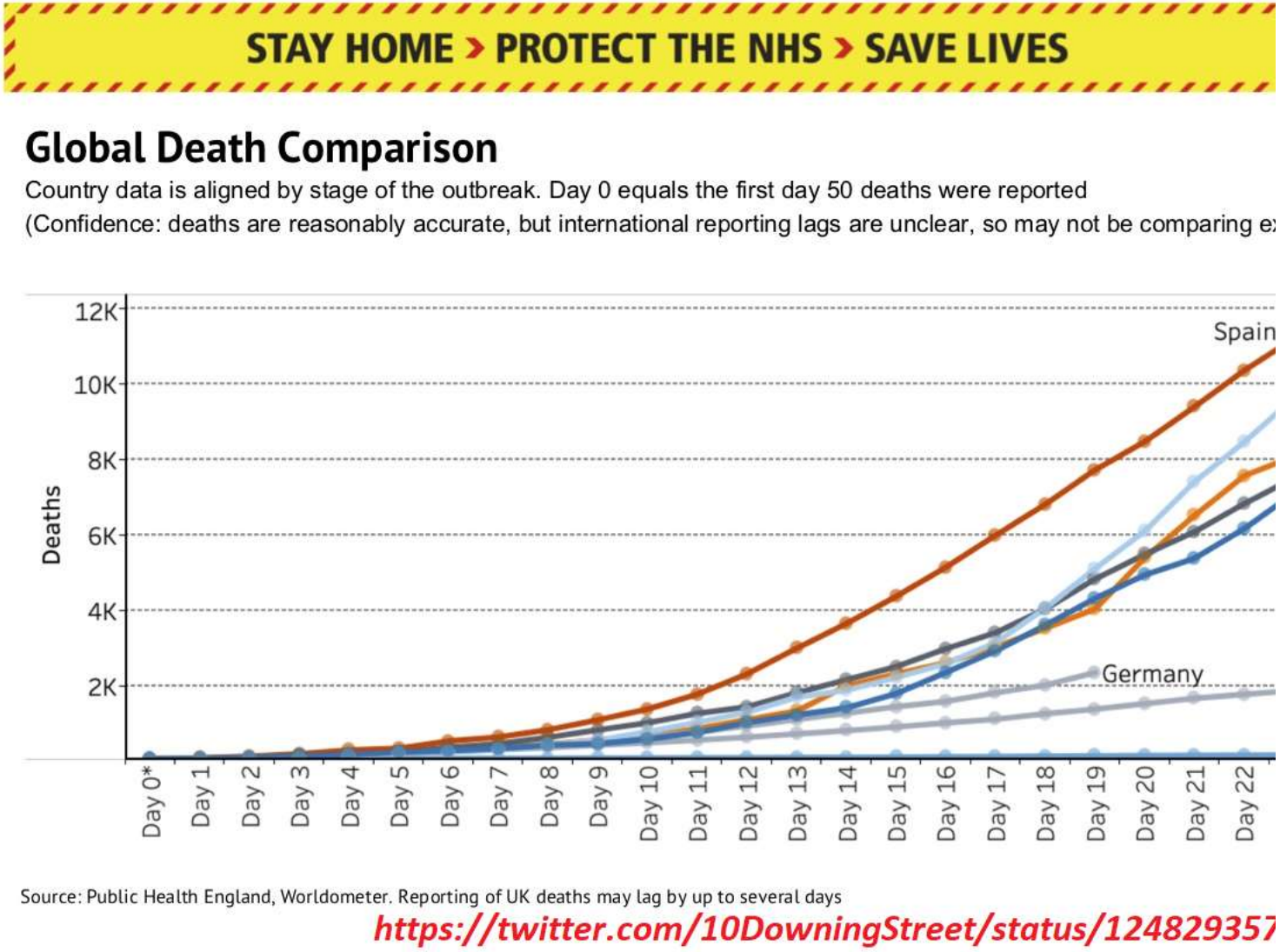
Above: we have compared the UK deaths to 8 April 2020 on linear and logarithmic-linear graphs to show that the alleged "green shoots" of recovery now appear to be only a temporary fluctuation in the data. When you look at the data on the log-linear graph (above right) you see that a straight line is a good fit, and this suggests that the deaths are continuing instead of tailing off as the media hyped a few days ago. Sadly, releasing the lock-down without issuing masks to people may result in even larger rises to the death rate, because people will spread large doses of the virus to one another on buses, trains, in offices, pubs, restaurants, etc. The theory that no-body can become re-infected once they have some antibodies is also questionable, because it depends on dose. For example, people who have had chickenpox can later get shingles (a return of the disease) if their immune systems are weak, while people can get repeated bouts of malaria, colds, etc. There is no proof that, having been allowed to spread so widely throughout the world, the covid-19 coronavirus will not undergo further mutations and develop more than one strain, in which case antibodies (and indeed vaccines) will not work to provide guaranteed protection. The whole basis for antibodies to work is that the immune system is able to produce antibodies at a rate which is faster than the multiplication rate of the virus when it infects the person: so if you produce antibodies slower than the virus multiplies, due to having a weak immune system (due to old age, chemotherapy for cancer, etc.) you will still be at risk. There is no basis yet for assuming that having some antibodies is a long-term magic bullet providing protection against infection. If you end up with the terrible number of infected people producing just 100 different mutant strains from covid-19, then it will be very difficult to produce an effective vaccine. Therefore, the sooner the pandemic is halted mechanically by widespread use of masks to deny it the opportunity to mutate, the better.



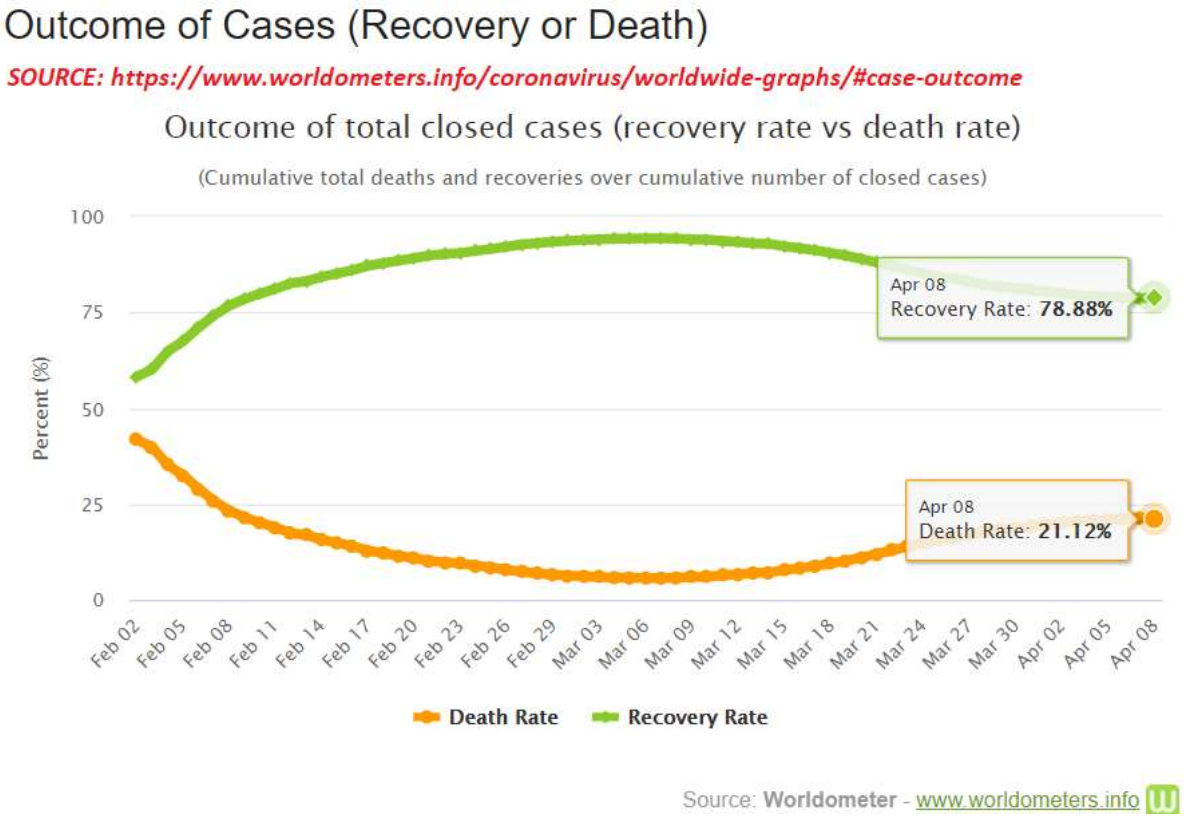
UK covid 19 deaths data to 8 April 2020: **https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases**. Unfortunately, the UK government has now stated that even the deaths data is unreliable due to excluding deaths outside hospitals, e.g. untested deaths in care homes (the confirmed cases data had long been underestimates due to the low testing rate in the UK). As a result, we will discontinue this series of updates because even key data in deaths per day is becoming UK Government "fake news" propaganda.



8 April 2020 global covid-19 deaths data graphs. Data source: **https://www.worldometers.info/coronavir**



UK Covid-19 deaths catching up with Italian curve. SOURCE: UK Prime Minister twitter 9 April 2020, **https://twitter.com/10DowningStreet/status/1248293575827357696/photo/1**

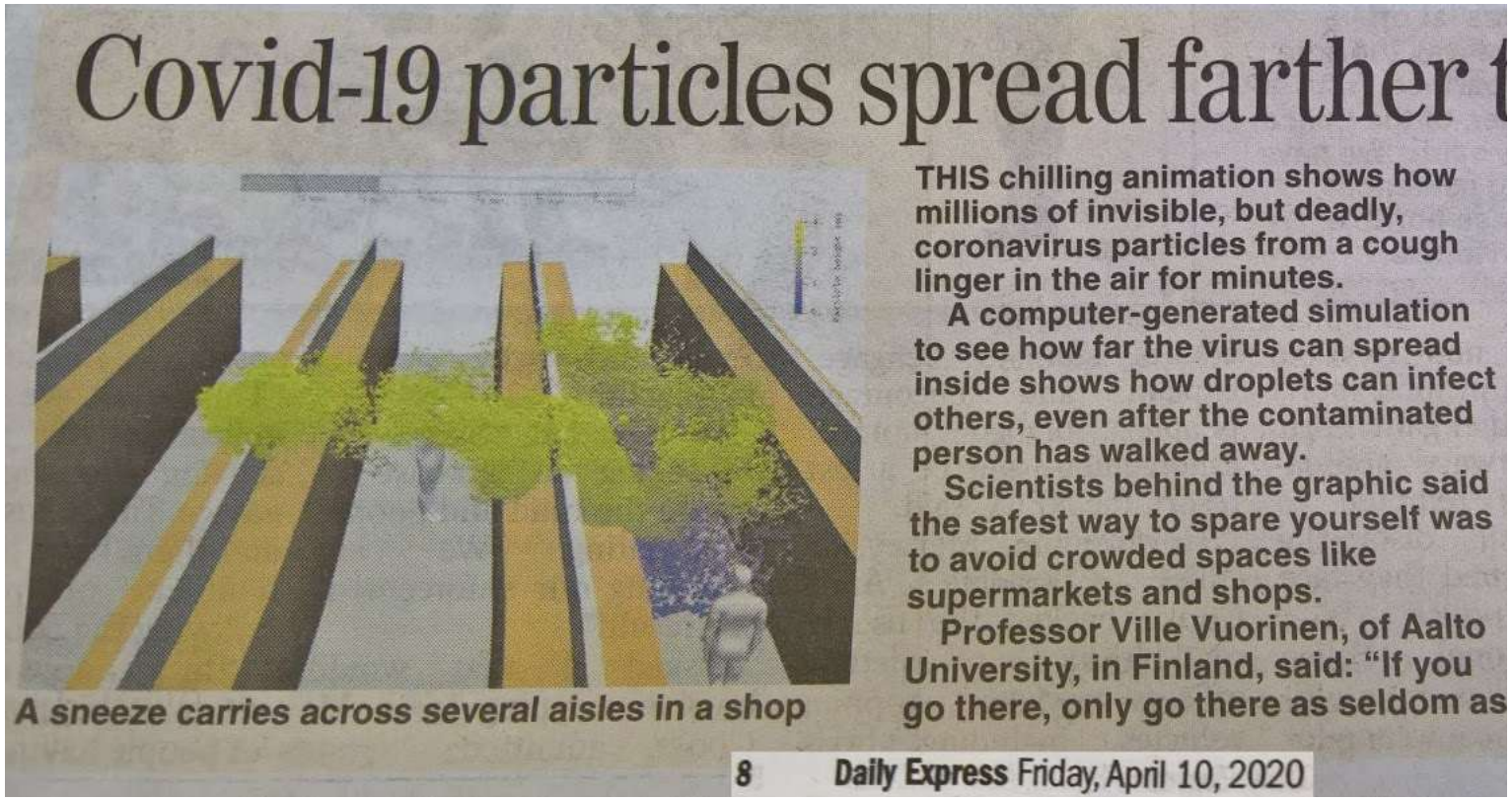


Covid-19 death rate world wide to 8 April 2020 in closed cases is approximately 21 %, a very high number for such an infectious disease, and not massively different from bubonic plague (10-15% for treated cases, higher for untreated cases). Source: **https://www.worldometers.info/coronavirus/worldwide-graphs/#case-outcome**. Note that the ratio of cumulative deaths to date to cumulative confirmed cases to date is a much lower number, about 8%, because at any given time during the rapidly rising part of a pandemic, only a fraction of the total deaths that will occur in the infected cases have actually occurred. For example, if you study a fixed group of 1000 infected cases, the number dead in that sample is not a fixed constant, but will rise with time until a maximum number (equal to the death rate for closed cases) has been reached. In other words, the effect of the time-lag needs to be included to correct the ratio of deaths-so-far per infected case into final-deaths per infected case.

UPDATE: 10 APRIL 2020

Professor Ville Vuorinen of Aalto University, Finland, has proved that one sneeze can contaminate a large area of a supermarket for several minutes, suggesting strongly that the 2-metre social distancing rule is DECEPTIVE AND DANGEROUSLY MISLEADING, CAUSING UNNECESSARY DEATHS, and

people really do need to wear gas masks:



Covid-19 particles spread farther t

THIS chilling animation shows how millions of invisible, but deadly, coronavirus particles from a cough linger in the air for minutes.

A computer-generated simulation to see how far the virus can spread inside shows how droplets can infect others, even after the contaminated person has walked away.

Scientists behind the graphic said the safest way to spare yourself was to avoid crowded spaces like supermarkets and shops.

Professor Ville Vuorinen, of Aalto University, in Finland, said: "If you go there, only go there as seldom as

A sneeze carries across several aisles in a shop

8 Daily Express Friday, April 10, 2020

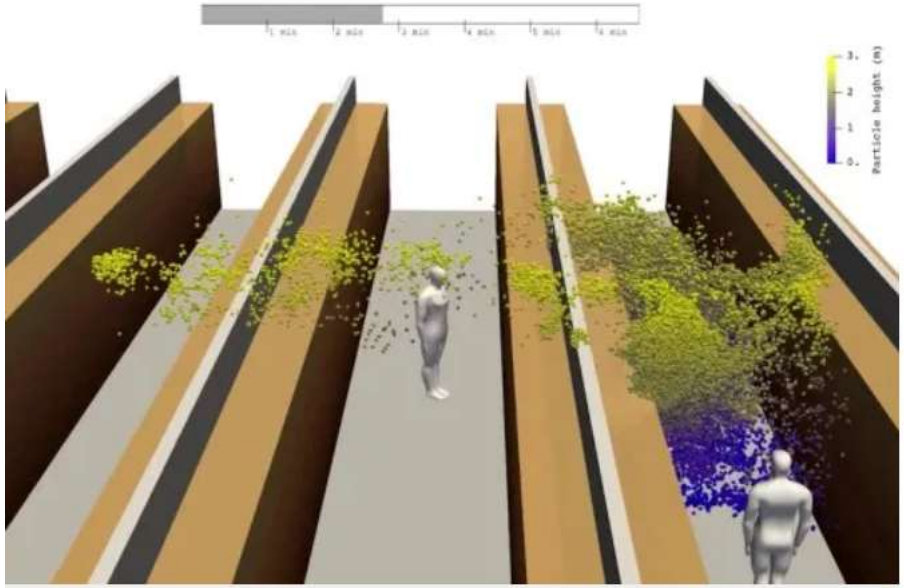
Professor Ville Vuorinen of Aalto University, Finland, has proved that one sneeze can contaminate a large area of a supermarket for several minutes, suggesting strongly that the wear gas masks.

Here is the 2 hour queue doubling back outside my local supermarket in Colchester, at 9.45am 10 April 2020 (photo by yours truly):

People as you can see are not wearing gas masks, and are social distancing. However, large areas are contaminated by coughs and sneezes, and without the wind or sun, inside the supermarket the air becomes contaminated by sneezes as Professor Ville Vuorinen proved, and people can get covid-19 and then the disease spreads.

Aerosol particles carrying Covid-19 can remain in the air longer than was originally thought, preliminary results suggest (Picture: Aalto University)

Small particles of this size move along in the air cu
in the same place, rather than sinking on the floor.



An animation sees coronavirus spread throughout a shop (Picture: Aalto University)

Researchers have advised people to avoid busy public spaces (Pi

The same starting conditions were used in separate models by Aalto University, VTT Technical Researc Finland and Finnish Meteorological Institute. In every investigation, the researchers came back with th preliminary result – that the aerosol cloud spreads outside the immediate vicinity of the coughing pers dilutes but takes 'several minutes' to do so. In a statement accompanying the video, the researchers sa 'Preliminary results indicate that aerosol particles carrying the virus can remain in the air longer than originally thought, so it is important to avoid busy public indoor spaces. ' - https://metro.co.uk/2020/04/09/animation-shows-single-cough-spread-coronavirus-across-shop-125

A sneeze in a supermarket can infect people far beyond the 2 metre social distance covid-19 rule

Professor Ville Vuorinen of Aalto University, Finland, has an YouTube video of his computer simulation which proves that one sneeze can contaminate a large area of a supermarket for several minutes, suggesting strongly that the W.H.O./BBC/UK Gov "2-metre social distancing rule" is ***DECEPTIVE AND DANGEROUSLY MISLEADING PROPAGANDA, CAUSING UNNECESSARY DEATHS***, and people really do need to wear masks:

A 3D model of a person coughing in an indoor environment...

Comment Comment

Rational use of face masks in the COVID-19 pandemic

Lancet Respir Med 2020
Published Online
March 20, 2020
https://doi.org/10.1016/S2213-2600(20)30134-X

Since the outbreak of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that caused coronavirus disease 2019 (COVID-19), the use of face masks has become ubiquitous in China and other Asian countries such as South Korea and Japan. Some provinces and municipalities in China have enforced compulsory face mask policies in public areas; however, China's national guideline has adopted a risk-based approach in offering recommendations for using face masks among health-care workers and the general public. We compared face mask use recommendations by different health authorities (panel). Despite the consistency in the recommendation that symptomatic individuals and those in health-care settings should use face masks, discrepancies were observed in the general public and community settings.[1-6] For example, the US Surgeon General advised against buying masks for use by healthy people. One important reason to discourage widespread use of face masks is to preserve limited supplies for professional use in health-care settings. Universal face mask use in the community has also been discouraged with the argument that face masks provide no effective protection against coronavirus infection.

However, there is an essential distinction between absence of evidence and evidence of absence. Evidence that face masks can provide effective protection against respiratory infections in the community is scarce, as acknowledged in recommendations from the UK and Germany.[7,8] However, face masks are widely used by medical workers as part of droplet precautions when caring for patients with respiratory infections. It would be reasonable to suggest vulnerable individuals avoid crowded areas and use surgical face masks rationally when exposed to high-risk areas. As evidence suggests COVID-19 could be transmitted before symptom onset, community transmission might be reduced if everyone,

Panel: Recommendations on face mask use in community settings

WHO[1]
- If you are healthy, you only need to wear a mask if you are taking care of a person with suspected SARS-CoV-2 infection.

China[2]
- People at moderate risk* of infection: surgical or disposable mask for medical use.
- People at low risk† of infection: disposable mask for medical

if you are in an open-air environment, the use of face mask is not very efficient.

USA[6]
- Centers for Disease Control and Prevention does not recommend that people who are well wear a face mask (including respirators) to protect themselves from respiratory diseases, including COVID-19.

including people who have b
asymptomatic and contagious, w
Recommendations on face masl
and we have seen that the us
substantially once local epidemic
use of N95 respirators (without
equipment) in community sett
use of face masks by the gene
the global supply shortage of fa
soaring,[9] and risks supply constrai
care professionals. As a response
Germany and South Korea) bann
masks to prioritise local demand.[3]
increase in the production of
including face masks.[9] Meanwh
should optimise face mask dis
the needs of frontline health-
most vulnerable populations in
more susceptible to infection an
including older adults (particul
65 years) and people with underlyi
People in some regions (eg,
Japan) opted for makeshift alt
usage of disposable surgical mas
use of face masks, such as not
masks, could jeopardise the prot
increase the risk of infection.
Consideration should also be
societal and cultural paradigms

use.

- People at very low risk‡ of infection: do not have to wear a mask or can wear non-medical mask (such as cloth mask).

Hong Kong[3]

- Surgical masks can prevent transmission of respiratory viruses from people who are ill. It is essential for people who are symptomatic (even if they have mild symptoms) to wear a surgical mask.
- Wear a surgical mask when taking public transport or staying in crowded places. It is important to wear a mask properly and practice good hand hygiene before wearing and after removing a mask.

Singapore[4]

- Wear a mask if you have respiratory symptoms, such as a cough or runny nose.

Japan[5]

- The effectiveness of wearing a face mask to protect yourself from contracting viruses is thought to be limited. If you wear a face mask in confined, badly ventilated spaces, it might help avoid catching droplets emitted from others but

- US Surgeon General urged people on Twitter to stop buying face masks.

UK[7]

- Face masks play a very important role in places such as hospitals, but there is very little evidence of widespread benefit for members of the public.

Germany[8]

- There is not enough evidence to prove that wearing a surgical mask significantly reduces a healthy person's risk of becoming infected while wearing it. According to WHO, wearing a mask in situations where it is not recommended to do so can create a false sense of security because it might lead to neglecting fundamental hygiene measures, such as proper hand hygiene.

*People at moderate risk of infection include those working in areas of high population density (eg, hospitals, train stations), those have been or live with somebody who is quarantined, and administrative staff, police, security, and couriers whose work is related to COVID-19. †People at low risk of infection include those staying in areas of high population density (eg, supermarket, shopping mall), who work indoors, who seek health care in medical institutions (other than fever clinics), and gatherings of children aged 3-6 years and school students. ‡People at very low risk of infection include those who mostly stay at home, who do outdoor activities, and who work or study in well-ventilated areas.

contrast between face mask us
(ie, in many Asian countries)
people who are unwell do (ie, i
American countries) has induc
racial aggravations, for which furt
needed. One advantage of univer
that it prevents discrimination o
masks when unwell because every

It is time for governments and
to make rational recommenda
face mask use to complement t
on other preventive measures,
WHO currently recommends tha
face masks if they have respirato
are caring for somebody with
would also be rational to recon
quarantine wear face masks if th
for any reason, to prevent pote

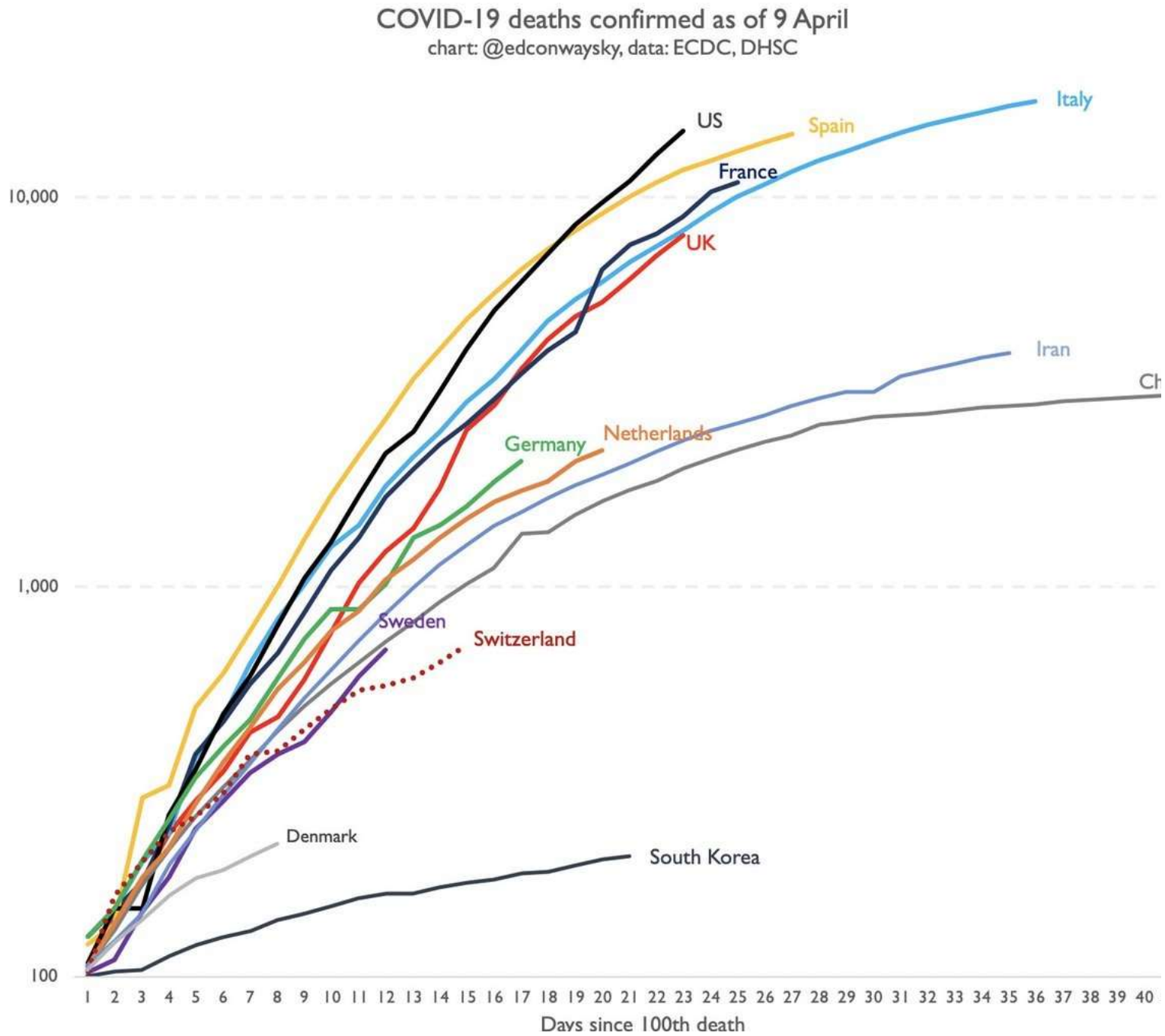
www.thelancet.com/respiratory Published online March 20, 2020 https://doi.org/10.1016/S2213-2600(20)30134-X 1 2 www.t

"Rational use of face masks in the COVID-19 pandemic", in Britain's premier medical journal, *The Lancet,* **https://www.thelancet.com/action/showPdf?pii=S2213-2600%2820%2930134-X**: "It would be reasonable to suggest vulnerable individuals avoid crowded areas and use surgical face masks rationally when exposed to high-risk areas. ... In addition, vulnerable populations, such as older adults and those with underlying medical conditions, should wear face masks if available. Universal use of face masks could be considered if supplies permit. In parallel, urgent research on the duration of protection of face masks, the measures to prolong life of disposable masks, and the invention on reusable masks should be encouraged. Taiwan had the foresight to create a large stockpile of face masks; other countries or regions might now consider this as part of future pandemic plans."

The immense success of Taiwan's mask policy, just 379 cases of covid-19, should make Taiwan the world's model for ending the covid-19 pandemic, please see **https://foreignpolicy.com/2020/04/09/taiwan-is-exporting-its-coronavirus-successes-to-the-world**: "Despite being shut out of WHO [**WHO refuses to recommend masks to end the pandemic**], Taiwan has largely succeeded in containing the coronavirus. ... On April 1, Taiwan announced it would donate 10 million masks to the United States, 11 European countries, and its diplomatic allies. Taiwan's foreign ministry said on Thursday that a second batch of six million masks would be donated to countries in Asia, Europe and the Americas."

Please note the political conflict here: Taiwan and the pro-masks lobby which want to end the pandemic without mass casualties, are against Marxist medical organizations like W.H.O. which is in China's pocket financially as we have already shown, and also the Marxist infiltrated media such as the BBC, which is naturally pro-China and the NHS which wants as ever to end civil defence entirely and to be given a nearly infinite budget to treat victims, instead of allowing a smaller budged for civil defence to prevent victims (the Marxist BMA did the

same in the 1980s over Britain's civil defence, preferring to call for millions of burns unit beds rather than telling people to duck and cover if Russia drops a H-bomb "by accident" near our coast). Same old news.

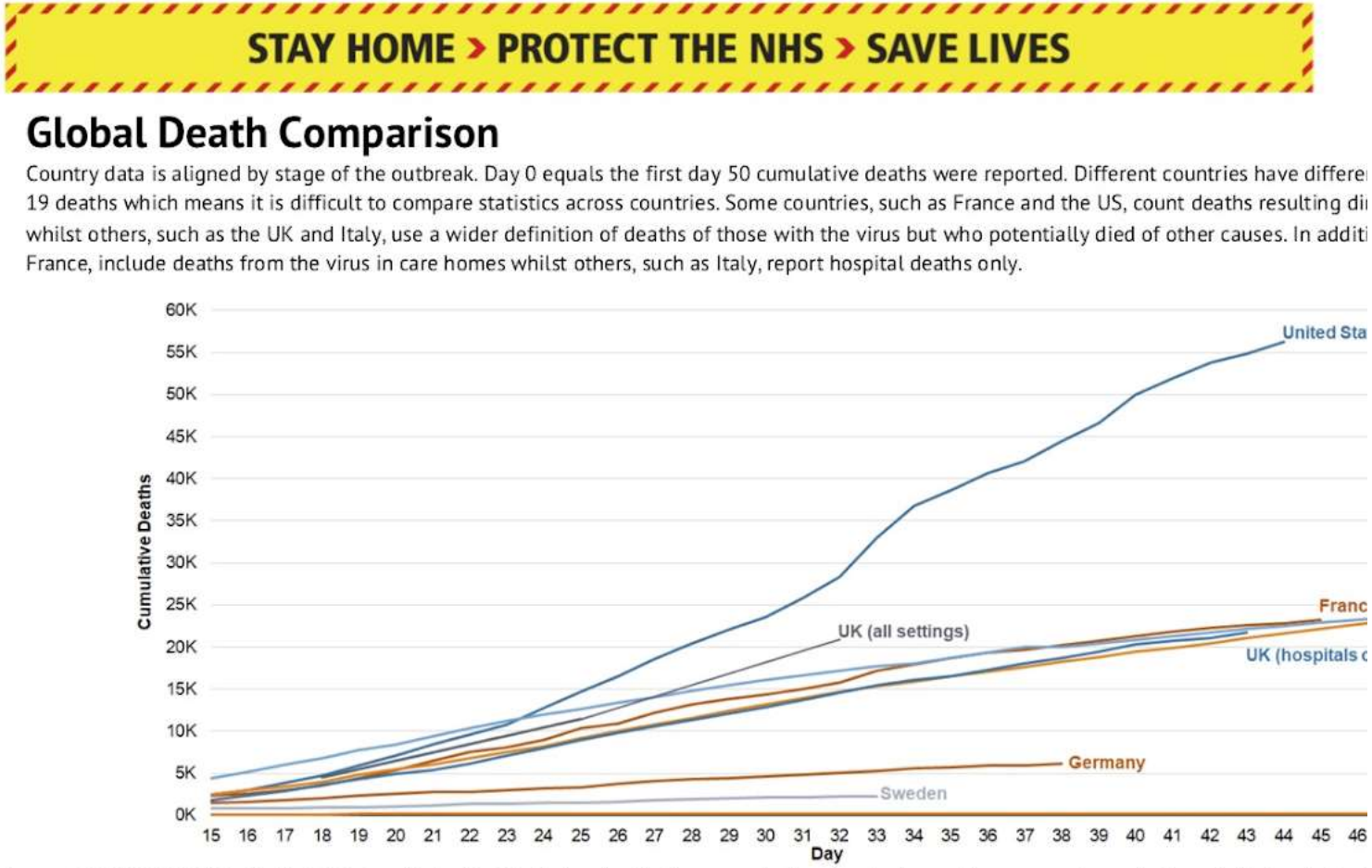


Source: https://twitter.com/EdConwaySky/status/1248297606251495424/photo/1

9 April 2020 confirmed covid-19 deaths: unlike UK government propaganda curves that start at 50 deaths, these start at 100 deaths and show that the UK death rate is rising very likely to soon overtake Italy's at the same stage in the pandemic.

UPDATE: 28 April 2020

The UK Government has finally published a graph of *all deaths, not just tested hospital deaths (they refused to test people outside of hospitals),* showing the UK no-masks policy to have the highest deaths in Europe and also higher per head of population than the USA (which has 5 times the population of the UK, explaining its higher death curve):



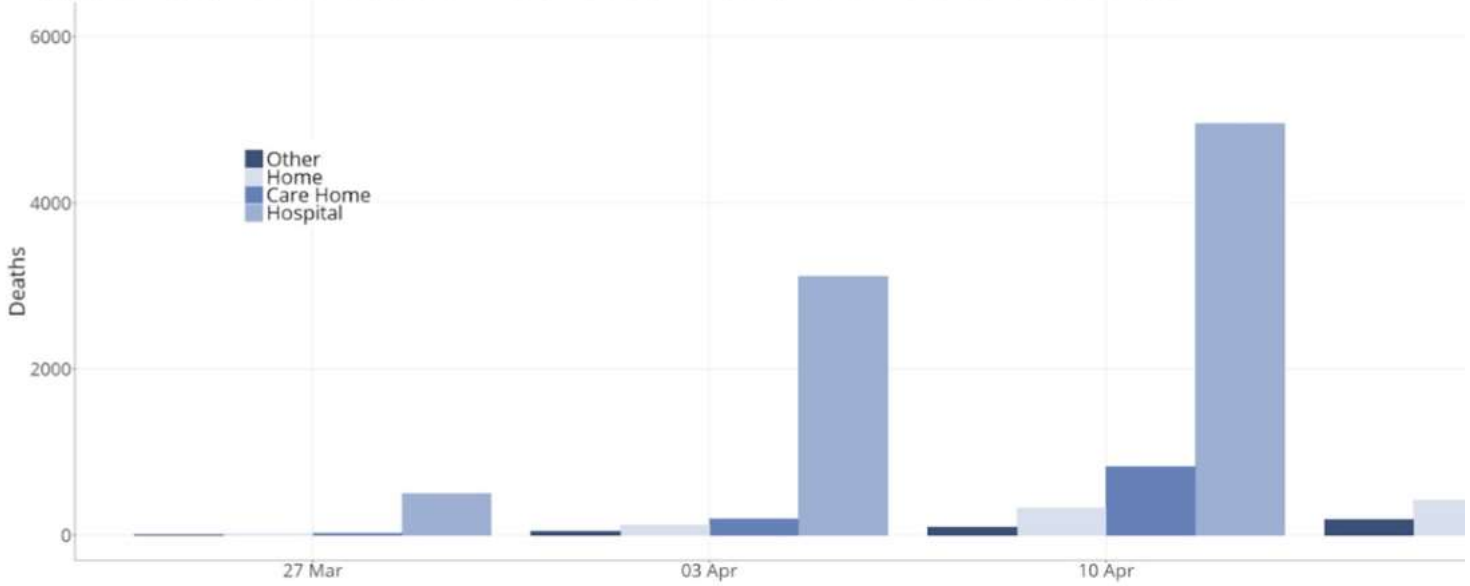
Source: ONS, NRS, NISRA, Public Health England, Johns Hopkins University. The figures on deaths relate in almost all cases to patients who have died in hospital and
19. Slight differences in reporting in devolved administrations may mean that they include a small number of deaths outside hospital. ONS, NRS and NISRA reportin
on information from death certificates, and therefore lags daily hospital data. International reporting procedures and lags are unclear, so may not be comparing like-

SOURCE: UK Government, https://twitter.com/10DowningStreet/status/12551816045

STAY HOME > PROTECT THE NHS > SAVE LIVES

Provisional weekly registered deaths from COVID-19 in England and Wa
occurrence

Registered weekly deaths where COVID-19 was mentioned on the death certificate at each location type.



Source: Office for National Statistics. ONS, NRS and NISRA reporting of registered UK deaths for all settings is based on information from death certificates, and th
data. The average (median) registration delay is four days. ONS data also includes those without a test for COVID-19 but where COVID-19 was mentioned on the d
are those at the usual residence of the deceased (according to the informant) where this is not a communal establishment. "Other" includes deaths in hospices, cor
hospices, care homes and hospitals, and elsewhere.

Above: UK Government ANTI MASK PROPAGANDA LIES debunked by their own total death statistics on 28 April 2020. Note that the USA has 5 times the UK population so the USA has a MUCH LOWER death rate risk than the UK, per person of population. ***South Korea, which has the lowest death rate in the graph above, has a policy of wearing masks in buildings to cut the covid-19 transmission rate!***

Source: **https://twitter.com/10DowningStreet/status/1247950781480873986**

Update 29 April 2020:

https://www.mirror.co.uk/news/uk-news/live-coronavirus-pandemic-updates-latest-21931279:

"Coronavirus 'just as deadly as Ebola' for patients hospitalised with the killer bug

"Covid-19 is just as deadly as Ebola for people admitted to hospital in the UK, a leading expert has said as his team published a major British study of almost 17,000 patients.

"The research found **almost half of people admitted to hospitals in England, Scotland and Wales with coronavirus have no underlying health conditions** ... those admitted to intensive care were typically 61. Most people had symptoms for around four days before admission and stayed in hospital for an average of seven days. **Almost half (47%) had no underlying conditions** ... Only one in five of those who required a mechanical ventilator in intensive care were discharged alive and a further 27% remained in hospital. Just **over half who needed mechanical ventilation died.**

"Professor Calum Semple, from the University of Liverpool and a consultant respiratory paediatrician at Alder Hey Children's Hospital, and chief investigator on the study, said: "Some people persist in believing that Covid-19 is no worse than a bad dose of flu [*thus the false belief by "some TV experts" that no masks are needed, or improvised masks are OK, when in fact any sensible safety-first "better safe than sorry" precautionary principle approach would suggest the requirement for proper, high-level hazmat protection*]. **They are gravely mistaken. Despite the best supportive care that we can provide, the crude case fatality rate for people who are admitted to hospital - that is, the proportion of people ill enough to need hospital treatment who then die - with severe Covid-19 is 35 to 40% which is similar to that for people admitted to hospital with Ebola.** People need to hear this, and get it into their heads ... that this is an incredibly dangerous disease....It's a really nasty disease."

posted by Nuclear Weapons Effects 11:40 pm

58 COMMENTS:

At 7:14 pm, Anonymous said...

Great to have you back!

At 11:58 am, Michael Jones said...

How can people tell if a gas mask filter needs changing and if it fits properly to prevent air leaking in at the sides?

At 12:29 pm, nige said...

If you cover the air intake hole on the outside of the filter/absorber with paper or plastic, you will not be able to inhale if the straps are correctly adjusted to prevent leakage at the edges.

If you want to test filtering of fine particulates, simply use smoke from burning a very small amount of plastic or damp leaves with a match, or if it is easier, use a cigarette, or a small amount of chlorine gas generated from household bleach (used to clean toilets). If the mask has an operational CBNR (chemical, biological, nuclear, radiological) filter/absorber cartridge, then the smoke or chlorine gas will be absorbed by the "filter" (usually a particle absorber filter plus activated charcoal granules to absorb reactive chemicals), so it is easy to do a basic test that it is still working.

These CBNR "filters" have a MUCH longer operational life than hospital surgical paper masks, which only last a few hours. Gas masks were used for months before requiring new filter canisters in WWI, e.g. the Small Box Respirator, when they had to be used daily for weeks after persistent (slowly evaporating) mustard gas attacks in 1917. Typically they are rated to be used for 200 hours in typical conditions, so for civilian usage of 1 hour a day that means 200 days before a filter change.

This is why the UK civil defence corps from 1951-68 stockpiled post-war new C7 chemical, biological and nuclear gas masks for the entire population of the UK, a development of the original WWII civilian gas masks with improvements to allow even better protection against nerve gas and particles of radiological and biological agents.

This vital safeguard against pandemics, war and terrorism was ended in 1968 due to endless Marxist propaganda in favour of "saving" £100 million a year on civil defence to move to a political policy of "peace", in which the money would be spend on health services (treatment, not prevention of casualties).

This has led to step back to the situation in 1927 when BBC Radio broadcast an infamous lying propaganda speech on "disarmament" by Lord Philip Noel-Baker which falsely claimed that gas masks provide no protection against gas and so the only safeguard is disarmament.

The W.H.O. endlessly published similar lies about nuclear duck and cover in the cold war. The aim of such Marxist mentality infiltrated organisations as the BBC and W.H.O. is hubris: they want to allow a disaster by preventing either protection or deterrence (against terrorism), to ensure they get more propaganda power, more financial power, etc.

Pointing this out falls on deaf ears, because many people are deluded by such propaganda into preferring ineffective treatments (ventilators etc) over effective protective measures, which are easy to "ridicule" using "straw man arguments".

We have already seen Marxist "globalization" propaganda allow many thousands to die in agony, with Trump's decision to halt transatlantic air travel to reduce infection on aircraft and at airports being decried by the media.

These fake news people are hate filled, ignorance and myth promoting trolls who should be somehow held to account for the many needless painful deaths which their selfish lies have caused.

At 9:10 am, Mike Jones said...

Nigel, I think that most governments led by narrow minded experts who receive brown paper packets from hospital contractors and drugs companies will wait until it is too late and then shut the stable door after the horse has bolted. Masks would save most people. They will not be issued. Governments and their supposed critics are united in hating solutions that would avert a disaster. They have far more money and power to gain from tragedy than from success.

At 11:19 am, nige said...

The "experts" are all paid to conform without getting into allegations of corruption by back handed payments for "advice" which leads to the awarding of lucrative contracts for ventilators (which are less effective in saving lives than gas masks to keep people safe) to particular firms.

For example, aside from the official anti-gas mask, anti-respirator farce, there is also the issue of the "predictive models" of the virus and the related advice on closing aircraft/airport infection hubs.

We could have avoided infection from China by either closing air travel or making gas masks for air passengers compulsory (their choice: travel in a gas mask to avoid infection, or don't travel) back in January. The "experts" didn't recommend this. Even in March when Trump closed flights from the USA to infected countries to reduce infection of passengers on aircraft and at airports, big industry complained. Airlines complained, their unions complained. Yet if the "pristine" mathematical models of the UK gov were so wonderfully predictive, why didn't they make the case to close contamination routes even earlier, while it was still feasible to isolate infected individuals?

The rationale behind "closing the stable door after the horse has bolted" is that if you close the door before the horse bolts, the extreme right wing capitalists as well as the Marxist loony left who control the news media always scream:

"LOOK! There is NO PANDEMIC HERE! We didn't NEED to shut the airports or end globalization! It was a crime against humanity to shut down the spread of the virus, and the fact that the virus has not spread here proves that we didn't need such extreme countermeasures!"

This is a fake news argument, but it works time and again. Unless a disaster occurs to the fullest extent, the government and its "expert" advisers finds their hands tied in respect of protective measures.

It was the same in the 1930s with appeasement. People warned against it but Professor Cyril Joad and other nasty liars could not be disproved until a world war broke out, when it was too late.

We can expect that the "next" pandemic, after covid-19, will be met with more rapid airport closures and even with the media forced into taking protective masks seriously again as in 1938 when the Munich agreement took the country to the brink of war and wiped away some of the complacent propaganda and fascist fake news on there being: "no protection against poison gas, so we must either accept Nazism peacefully, or be gassed."

However, the media won't accept the need to do something to avert the impending disaster now, because they want to be forced into changing their tune by a full scale disaster, not by facts about protective measures that can prevent a disaster.

The Titanic had to sink before ships were legally forced to carry enough lifeboats. Grenfell Tower has to burn down and kill people before regulations on fireproof cladding were ironed out. A Space shuttle had to explode killing all aboard before the decision not to launch in freezing conditions that made rubber sealant rings brittle was taken. These are all example of situations where some people tried to quietly get regulations changed to PREVENT disaster, but failed because no big shots, least of all the supposedly wonderful "investigative journalists", gave a damn until it was in their financial interests to do so. There is only a "story" that will sell after the disaster, not if a disaster is prevented. For years the CND used to lie that gas masks were useless in WWII because they meant that Hitler couldn't drop his 12,000 tons of tabun nerve gas on London. Mad big shot journalists and authors still sell this myth: by analogy safety valves that prevent explosions are useless because no explosions actually occur! Bonkers, but by only printing lies about civil defence, they get a kind of "brainwashing effect" like UFO cults.

At 7:24 pm, Anonymous said...

Russian oil revenue falling drastically. The Saudis have flooded the oil market. The price of crude is hitting a record low. Russian economy will be hit hard, like the Germany economy after the 1929 crash. This caused the economic and political chaos which led to WWII.

At 10:10 am, nige said...

I think we should ignore the long-term problems until we have dealt with the immediate crisis.

[In any case, the proposed gas mask civil defence solution for getting out of the lock-down (if an effective vaccine isn't available soon), will also have uses in the event of the use of future regional conflicts or escalating wars sparked off by a possible global recession.]

The key now, though, is sorting out the "expert" created lunacy. There is an interesting criticism of the inflexible NHS UK covid-19 strategy in the UK Daily Telegraph by Moore:

https://www.telegraph.co.uk/news/2020/04/03/inflexibility-lumbering-nhs-country-has-had-shut/

The inflexibility of our lumbering NHS is why the country has had to shut down

CHARLES MOORE

Daily Telegraph UK newspaper (online edition) 3 APRIL 2020 • 9:30PM

Why are we clapping the NHS? It is right and just to clap NHS workers, but that is not the same thing. Virtually everyone has reason to thank good nurses, doctors and paramedics. But if we are to praise large organisations for how effectively they have dealt with the coronavirus crisis, we should be clapping vigorously for Sainsbury's, Tesco, Waitrose and Morrisons, who have responded nimbly to sudden extra demand for one of life's basics – food. We should give only rather tepid applause for the efforts of the NHS to look after another of life's basics – health.

As its name suggests, the National Health Service is there to serve the health of the nation. In this crisis, the roles have reversed – it is seen as the duty of the nation to serve the NHS. "Protect the NHS. Save lives," says the slogan, in that rather surprising order. Children are made to recite it like a prayer. How are we to do this? We must help the NHS by avoiding hospitals and surgeries, we are told. The Government's policy of lockdown is in significant part dictated by the demands not of patients, but of the NHS, and by its lack of adaptability and readiness. ...

It is a shame however that Moore criticises the ineffective existing NHS ventilator propaganda effort without bothering to mention the WWII solution of gas masks to get us out of the slaughter, the lock-down and the economic damage! Even the "best" of these "journalists" are unbelievably naive and close-minded bigots.

At 7:11 pm, Dr Q. U. Ack, W.H.O. said...

Nigel,

Please realise that if the World Health Organization recommends that people are not worth protecting with masks, it is for some beautiful hidden agenda.

Maybe they want to decrease the overpopulation?

Maybe they want to go down in history as mass murders on a par to the Third Reich?

Maybe they want to get rich by ensuring all the covid-19 funds goes to W.H.O., not protection by masks which is out of their control?

Maybe they just want theg randiose feeling of patronising the world's population with a load of bogus propaganda like the Nukemap guy?

See, they're dear fellow humans. Be sure that whatever they say, they'll get the next Medical Nobel Prize and billions of dollars.

Try not be get impatient, and they may even reward you with some patronising lies!

Cheers,
Dr Q. U. Ack,
W.H.O.

At 7:43 pm, ***nige*** *said...*

Please, no more sarcasm. (If anybody in the media reads sarcasm here they won't know what the point is, they're too dumb.)

I will just add this comment on the basic problem: from discussions on facebook, no effort to get a discussion on gas masks as an exit strategy for the covid-19 lockdown gets any serious interest:

(1) Facebook discussion efforts show that there is very little interest in the topic,
(2) The few comments made are totally non-serious: jokes, pleading not to discuss the subject on Facebook because it is frightening - *although clearly not being protected is what should be frightening*, and spurious efforts by Marxism or mass murder defenders to try to defend the W.H.O. no-masks advice (e.g. "why not herd immunity" - answer: "because getting there causes many needless deaths of the vulnerable which can be prevented by a clear strategy of masks and then vaccination).

Imagine you are on a ship which is sinking. You suggest (quietly) putting people on to the iceberg so that all can be saved. A list of "refutations" is eventually compiled by a committee of experts, who are all agreed that passengers will be less cold if they instead await rescue ships and use the lifeboats to ferry all the passengers to them. If the rescue ships don't come, the experts have their "excuse" for dismissing a plan that would have worked - they blame the rescue ships for not coming.

Now suppose you were a space shuttle engineer warning about the risk of explosion due to launching in cold weather. If you make a big fuss after your boss tells you to shut up, you get fired, or given a patronising lecture on how "nothing monumental and magnificent is ever done without taking some element of risk". There is no guarantee that the shuttle will actually explode, the probability is 1/2 rather than 1/100,000 but it still might survive. Furthermore, if they do fire you, there is not even any guarantee that the media will be interested in your story (until after the shuttle actually explodes, who the "I told you so" article will be met by sneers that he didn't make a clear cut case so he was really responsible by not letting the people know - so either way you're in a bad place).

This is how they get away with it. Bureaucracy can get away with mass murder. All the disarmament liars who exaggerated massively the effects of gas bombing in the 1920s and 1930s and dismissed simple low cost civil defence countermeasures like gas masks (just as the W.H.O. is again doing) were awarded Nobel Peace Prizes for contributing to the start of WWII: Lord Philip Noel Baker got one, as did Sir Norman Angell who claimed to have debunked war in 1980 in his book The Great Illusion. I've discussed all this in previous blog posts.

Until weapons effects lying and civil defence dismissals for disarmament failure (war) leads to reprimands and not rewards, the CND, WHO and other pseudo-Marxist dictatorships which pretend they want equal respect for all people (Marxist sentiments) but actually deliver the exact opposite, a dictatorship of hying hubris for the profit of the few, will continue to dominate the media, which itself is a dictatorship of hubris. The problem with "democracy" is that it is just dictatorship dressed up as something else. Elections of pretty similar parties is not democracy. "Freedom of the press" is akin to "freedom of the dictators". Yes, they are free up to the point that what they say sells enough to cover overheads (or in the case of the Guardian/BBC, they are free because they are funded by Marxist charity or a form of compulsory tax). But what about the freedom of speech of people more widely? Again, it's a popularity contest in which fairy tales outsell facts.

At 12:35 pm, Mike Jones said...

Nigel,

An economic crisis after the pandemic could well be far worse than that following the 1929 Wall Street crash which set off ww2, and this whole covid-19 pandemic may either be a plot by Communist China or at least manipulated by China, into an attempt to sink global capitalism or engineer a third world war, just as ww2 came from conflicts sparked by global depression.

This could be far worse than the actual covid-19 fatalities. So please bear it in mind.

At 12:47 pm, nige said...

Mike: there is an interesting article in the South China Morning Post, relevant to China's racketeering from covid-19 via its power in the World Health Organization (W.H.O.) here:

https://www.scmp.com/news/china/diplomacy/article/3078448/taiwan-looks-play-leading-international-role-battle-against

SOUTH CHINA MORNING POST (newspaper)

China / Diplomacy

Taiwan offers masks and medical aid to foreign countries, angering Beijing

Self-ruled island has been frozen out of the World Health Organisation but its strong response to Covid-19 has helped raise its profile

Taipei has offered to donate 10 million face masks to countries that are battling the outbreak

Taiwan has intensified its efforts to raise its global profile by offering to donate urgently needed face masks and medical aids to other countries – a move that has angered Beijing.

Observers said Taiwan's efforts to control the Covid-19 outbreak had highlighted the strengths of its medical system and increased its visibility on the world stage.

It has also been praised by world leaders, with European Commission President Ursula von der Leyen saying the EU is thankful for Taiwan's efforts and gestures of solidarity, while the US state department described Taiwan as a true friend.

But Beijing's response was less complimentary. Foreign ministry spokesman Hua Chunying said Taiwan prohibited the export of masks when the outbreak was at its height on the Chinese mainland, and said the island should not play any "political tricks" to gain accession to the World Health Organisation.

My take is that we must get through the covid-19 emergency with as few casualties and as little economic damage as possible, and then we will be in the best position to tackle the possibly dire challenges ahead.

Gas masks are needed, regardless what W.H.O. aka Marxist China dictates to the lunatic hypocritical "health officials" in all Western governments!

The West should tell the Marxist China front W.H.O. to go take a hike, asap, with or without a mask!

At 12:26 pm, Anonymous said...

The World Health Organization advice is to stay at home, do without food, and simply hold your breathe for the next year to avoid infection while attempts are made to produce a workable safe vaccine. This advice has been proved by the consensus of Chinese Marxists who fund W.H.O., so it is beyond argument.

:)

At 3:00 pm, Tommy said...

Thanks Nige. The people claiming that masks don't work should be prosecuted and banned from circulating fake news. This includes the TV journalists and the left wing anti-civil defense bigoted fools.

At 3:06 pm, nige said...

It will take millions of deaths before anybody in "authority" orders the police to arrest fake news spreaders in W.H.O. As I wrote in the post, the racism card will be used to protect mass murderers again, just as it was with Robert Mugabe, Pol Pot, etc. Sad but true. Joe Public doesn't care about civil defense and saving lives, which is why the British government got away with appeasing Hitler: crowds cheered Prime Minister Chamberlain when he landed at Heston Airport after his third hand-shaking meeting with Hitler to announce a Nazi-British "peace in our time" collaboration, while the Nazis were murdering Jews. Therefore, please don't trust the "moral majority", who are easily duped by propaganda of "free press" lying journalists.

At 4:28 pm, Anonymous said...

https://metro.co.uk/2020/04/09/another-887-dead-uk-coronavirus-toll-nears-8000-12532192/

Another 891 dead as UK's coronavirus death toll nears 8,000 View 12 comments Joe Roberts

Thursday 9 Apr 2020 2:17 pm

Another 891 people have died after contracting coronavirus, taking the UK death toll to at least 7,988. Today's jump in deaths is one of the biggest daily increases since the outbreak began, following a massive rise of 938 yesterday and 854 on Tuesday. ...

The combined figure from the three nations comes to 891, which could be different to the figure later released by the government this afternoon. This is because each devolved authority often makes amendments to their own data after reporting deaths to the Department of Health (DoH) each day. ...

The latest figures emerged as Downing Street said Boris Johnson's condition 'continues to improve' in intensive care where he has spent three nights being treated for coronavirus. ...

He was said to be continuing with 'standard oxygen treatment', while it was indicated he has not taken part in any drug trials for Covid-19. ...

There has been some confusion around the reporting of death tolls. This is because there are various public bodies all reporting figures according to different criteria each day. On Tuesday, April 7, the Department of Health (DoH) said the UK coronavirus death toll had reached 6,159 after another 786 patients in hospitals died. But this was 68 lower than the combined figure of 854 from England (758), Scotland (74), Wales (19), and Northern Ireland (3). If you added together the self-reported total deaths from England (5,655), Scotland (296), Wales (212), and Northern Ireland (73) on Tuesday, you get a

higher figure of 6,236. The government has said this difference is because each devolved authority often makes amendments to their data after releasing death figures to the DoH each day. It is important to note that all of these deaths occurred in hospitals across the UK. They do not take into account the people dying at home, in care facilities, hospices, or other locations outside of hospitals. ...

At 4:32 pm, ***nige*** *said...*

This news that the UK deaths statistics are are muddled up as the "fake news" from under-testing on "confirmed cases" should lead to fake news spreaders being fired and replaced with honest folk. Bureaucratic chaos needing strong leadership, not a clown.

The sooner someone competent takes charge, the more lives can be saved.

At 6:27 pm, *Mike said...*

President Trump is nobody's fool, as usual (despite his left wing critics who love W.H.O.):

https://www.nytimes.com/2020/04/07/world/coronavirus-updates-news-live.html

Trump Attacks W.H.O. and Ousts Watchdog for Pandemic Fund

Here's what you need to know:
Trump attacked the W.H.O. for its handling of the coronavirus outbreak and its criticisms of his policy. ...

Trump attacked the W.H.O. for its handling of the coronavirus outbreak and its criticisms of his policy.
President Trump lashed out on Tuesday at the World Health Organization, choosing a new political enemy to attack and threatening to withhold funding from a premier health institution even as a deadly virus ravages nations around the globe.

"We're going to put a hold on money spent to the W.H.O., we're going to put a very powerful hold on it and we're going to see," Mr. Trump said during the daily coronavirus briefing at the White House, accusing the organization of having not been aggressive enough in confronting the virus. "They called it wrong. They call it wrong. They really, they missed the call." ...

That newspaper is still ignoring the fact that W.H.O.s corruption over political bigotry and attacking masks cause the pandemic in the first place to spread over the world:

https://www.cfr.org/blog/who-and-china-dereliction-duty

Michael Collins is a research associate for Asia Studies at the Council on Foreign Relations.

The World Health Organization (WHO) was founded in 1948 with the lofty goal of ensuring the attainment of the highest possible level of health by all people. In the years since, the organization has been instrumental in controlling or eradicating communicable diseases and investing in healthcare capacity across the globe. However, the WHO is now facing rising international criticism over outsized Chinese influence in the organization's response to the ongoing COVID-19 outbreak. ...

In contrast to his effusive praise for China, Tedros has been quick to criticize other countries for their responses to the outbreak. He called upon nations not to limit travel with China and warned against the "recrimination or politicization" of the outbreak. Domestic Chinese news coverage prominently features Tedros' praise of Xi Jinping and criticism of foreign governments. More concerning is Tedros' delay in declaring COVID-19

a public health emergency of international concern (PHEIC). ... The WHO's weak response to China's mishandling of the COVID-19 outbreak has laundered China's image at the expense of the WHO's credibility. The rate of infection in China appears to be declining, but the risk of a global pandemic is increasing. The time is ripe for clear leadership from the WHO based on science not politics.

At 2:07 pm, nige said...

World Health Organisation W.H.O. boss who doesn't care about people, only declared a pandemic on 11 MARCH, far too late, and he STILL recommends that healthy people don't need masks despite the fact ANYBODY can get and spread the disease to others:

https://nypost.com/2020/04/08/who-head-doesnt-care-about-attacks-following-trump-criticism/

WHO chief 'doesn't care' about attacks following Trump criticism
By Jackie SaloApril 8, 2020 | 2:32pm

The head of the World Health Organization said he "doesn't care" about attacks against him, following criticism from President Trump that the organization "really blew" its coronavirus response.

Director-General Tedros Adhanom Ghebreyesus said Wednesday ... Trump previously accused the organization of pro-China bias and said he was placing a "very powerful hold" on funding to them.

In response to the criticism, Tedros said they're "doing everything" to fight the virus but conceded that "in the process, we may make mistakes."

"We aren't angels. We are human beings, we make mistakes like other human beings," Tedros said.

He then called on the US and China to prioritize "honest leadership," saying that "unity is the only option to defeat this virus."

"The US and China should come together and fight this dangerous enemy," he said. "They should come together to fight it." ...

THIS IS JUST MORE DECEITFUL PROPAGANDA FROM W.H.O. BOSS, WHOSE "NO MASKS" LYING PROPAGANDA IS KILLING THOUSANDS OF INNOCENT HUMAN BEINGS IN THE UK AND ELSEWHERE! :-(

At 4:55 pm, Senatorial Solicitor with Deep Voice said...

Suppose I send out press releases to all the world's media warning of a tip off I have overheard with my usually excellent big ears in a smoke filled cafe, concerning an assassination attempt to be made on some famous celebrity.

If they do not publish it and the assassination goes ahead, should I then try writing a book blaming the world's media for effectively causing the death of the celebrity?

It is no use blaming the Western media for their part in appeasing the Nazis while Hitler rearmed for the Second World War, nor in blaming them for not launching crusades to have the vulnerable provided with protective masks to save their lives in the covid-19 pandemic.

If they will not publish a warning, they will certainly not publish news that their toadism towards the no-masks demands of the W.H.O. is costing thousands of vulnerable lives.

At 5:08 pm, ***nige*** *said...*

This is a catch-22 situation. Sure, the media wants to sell fashionable stories. But new fashions have to emerge, or there is no "news". Yep, to the Marxists, repeating the same tired old lies endlessly is their Orwellian doublethink interpretation of the word "news".

But ultimately some new ideas and new info has to seep out. The media is more concerned with screening and censorship than the free marketplace of ideas, because - despite Marxist propaganda - the majority of people (especially Marxists) are conservative (e.g. try telling a Marxist that he/she needs to "move on" from Marxism, and you'll see they they are conservative in resisting change from their mindset, resisting progressive ideas, and trying hopelessly to redefine the word "progressive" to mean "backward" to the time of Marx). However, the media has to follow fashion and innovation, albeit as slowly as possible. It will do so belatedly following its Latin motto: "Quoque paulo nimium sero".

But eventually the laggard media will report fragments of the facts, usually distorted out of context into a lie woven out of whole cloth, after covering up the news that is so vital.

So I disagree with you, and give all due credit, "jota unum", to the media. Eventually they will get around to printing a garbled, watered down, news "story", far too late.

At 5:19 pm, ***nige*** *said...*

It seems that I was right also about the side-effects of chloroquine that James Delingpole was promoting (while he ignored my requests that he at least consider writing about masks as a way out of the lock-down), see:

https://www.dailymail.co.uk/news/article-8199477/Swedish-hospitals-stop-prescribing-chloroquine-coronavirus-patients-adverse-effects.html

"Hospitals in Sweden have stopped using the malaria drug chloroquine on coronavirus patients after reports it was causing blinding headaches and vision loss. ... For one in 100 people, chloroquine can also cause the heart to beat too fast or slow, which can lead to a fatal heart attack."

Delingpole is an example of the "maverick journalist" who promotes lies and crap and claims that he is offering the "best alternative" to mainstream fashion. The real problem is editors and publishers who go along with populist alternatives, instead of looking at the factual evidence critically. Gas masks are available and have plenty of evidence. Vaccines and drugs have plenty of problems and delays.

At 7:53 pm, *Anonymous said...*

The failure of the media to campaign for the Taiwan solution to coronavirus, masks, proves the failure of so-called investigative journalism and do-good editing when needed.

What are all so-called socialist journalists scribbling now when masks are needed by the vulnerable to save their lives in a pandemic? They are writing how horrible democratically elected leaders are. Are those journalists democratically elected? No. Hypocrites.

They could not care less about doing the right thing, just pandering to fashion. I hope covid-19 puts their horrible presses out of action, and saves the world from their poison pens. They could do a lot of good, but they choose to be negative instead of promoting the only proven solution to the pandemic.

At 8:16 pm, ***nige*** *said...*

I've been into the failure of the media re: civil defence in many previous blog posts. This current pandemic crisis is a repeat of the BBC/Cambridge Scientists Antiwar Group/CND anti-civil defence tripe, 1927-1988.

Please see https://archive.org/details/PopularFlying/mode/2up for the story of how William Earle Johns, editor of Popular Flying (monthly) and Flying (weekly) was fired in 1939 for his repeated 1933-1939 editorial warnings about Hitler's rearmament and the dangers of appeasement. This was due to his publisher, George Newnes, being wined and dined by Cabinet Ministers who wanted to shut up critics of their fascist/racist sympathetic policies.

By contrast, Churchill profited politically in the end (he was made PM) from his occasional, ignored warnings (dismissed by the more fashionable media bosses as "warmongering"), made while his main attention was devoted not to warning of appeasement, but to writing a money-spinning long-winded, biased biography of his ancestor, Marlborough.

My point as always is that democracy and the so-called "free press" are corrupt dictatorships bestowed with an all-too-thin veneer of respectability, which rubs off fast in a crisis! What's best, a dictatorship that is beyond criticism because it is wallpapered as democracy and protected by corrupt "free press" barons, or a openly clear dictatorship that you can sabotage, plot against and fight against? The answer is sad!

At 8:17 pm, ***nige*** *said...*

Link: **https://archive.org/details/PopularFlying/mode/2up**

On 14 March 1933, Lt Col Moore Brabazon complained of Britain's disarmament policy to the House of Commons: "The enemy of the Air Force is not across the Channel, it is in Whitehall."

Captain W. E. Johns, editor of 1930s weekly Flying and monthly Popular Flying, was fired on U.K. Government orders to his publisher, for criticising U.K. Government appeasement and slow rearmament policies. This debunks the notion that there is "freedom of the press". The fact is, anyone stating anything factual is censored out using "peer-pressure" and smear attacks about "warmongering" when in fact the "pacifists" caused WWII by enforcing appeasement policies.

"Feeling in this country runs the way the party in power at Westminster wants it to run, its wishes being conveyed to the public by means of carefully prepared propaganda in the newspapers. ... [Hitler] has not kept strictly to the letter of the disarmament clause ... The cost of a thousand aeroplanes today would be nothing to what failure to safeguard ourselves might cost."

– W. E. Johns, Popular Flying editorial, January 1934.

At 12:28 am, *Anonymous said...*

It is a communist takeover:
1. Marxist China pays off WHO to recommend that gas masks are no use, thereby ensuring the pandemic.
2. Marxist BBC and other media repeat WHOs call to not allow any masks for the vulnerable.
3. In the absence of protection and the delays in getting a vaccine (which may never be successful), capitalism goes bankrupt.
4. Marxist is firmly instilled in place of capitalism by covid-19.
5. Marxist Jeremy Corbyn, defeated in December 2019 at the polls in the UK, announces Marxist triumph thanks to covid-19.

At 12:36 am, ***nige*** *said...*

Keep to hard facts, not speculations that Marxist China collaborated with Marxist Corbyn to unleash covid-19 to defeat capitalism and turn the world Marxist for a year or whatever:

FACT: Marxist Corbyn has exploited covid-19 for Marxist propaganda, while ignoring gas mask civil defence (he spent his political career attacking civil defence gas masks etc, in between shaking hands with Hamas racists who love Hitler's extermination of 6 million Jews).

Leave it at that, exploitation of mass murder.

Cheers!

At 12:51 am, ***nige*** *said...*

PS. I saw some crackpot discussions on TV about military biological warfare application of covid-19 coronavirus, which dismissed it with the specious remark that "covid-19 has no military biological warfare use because the country unleashing it would have no protection."

This is nonsense because if a country did release a virus like this, particularly a communist/Marxist country which believes in civil defense - while hypocritically telling its enemies not to have civil defence themselves, as the USSR did in the cold war - you would get a situation *just like that which is occurring now with covid-19* - just look at the graphs in this blog post of the relatively few Chinese casualties compared to the rest of the world!

Similarly, in gas warfare during WWI, the side releasing gas would do so when its own side was protected.

At 9:56 am, ***nige*** *said...*

Sadly, not all scientists want to save lives. Those who want like Hitler to "reduce the surplus population" like Marxist hypocritical "medical experts" in BMA, WHO, BBC etc dismiss live saving protective masks for the vulnerable in order to hype up their political agenda based on lies, hatred and extermination. This following article is supposed to be a "joke", but summarises the situation plainly for fanatics against masks in the media, in politics, religion and "hubris science":

https://www.theonion.com/scientists-look-one-third-of-the-human-race-has-to-di-1819573235

WASHINGTON—Saying there's no way around it at this point, a coalition of scientists announced Thursday that one-third of the world population must die to prevent wide-scale depletion of the planet's resources—and that humankind needs to figure out immediately how it wants to go about killing off more than 2 billion members of its species.

Representing multiple fields of study, including ecology, agriculture, biology, and economics, the researchers told reporters that facts are facts: Humanity has far exceeded its sustainable population size, so either one in three humans can choose how they want to die themselves, or there can be some sort of government-mandated liquidation program—but either way, people have to start dying.

And soon, the scientists confirmed.

At 10:11 am, ***nige*** *said...*

Why vaccines might not do the job, and why instead Taiwan's policy of masks to end the lock-down is so important (despite W.H.O. anti mask propaganda):

https://www.reuters.com/article/us-health-coronavirus-southkorea-idUSKCN21S15X

WORLD NEWSAPRIL 10, 2020 / 12:25 PM / 2 DAYS AGO
South Korea reports recovered coronavirus patients testing positive again
Josh Smith, Sangmi Cha
3 MIN READ

SEOUL (Reuters) - South Korean officials on Friday reported 91 patients thought cleared of the new coronavirus had tested positive again.

Jeong Eun-kyeong, director of the Korea Centers for Disease Control and Prevention (KCDC), told a briefing that the virus may have been "reactivated" rather than the patients being re-infected.

South Korean health officials said it remains unclear what is behind the trend, with epidemiological investigations still under way.

The prospect of people being re-infected with the virus is of international concern, as many countries are hoping that infected populations will develop sufficient immunity to prevent a resurgence of the pandemic.

*At **10:14 am**, **nige** said...*

https://www.weforum.org/agenda/2020/04/united-kingdom-coronavirus-covid19-fatalities-data-models/

Will the UK really have the highest coronavirus death toll in
Europe, as a US study suggests? ...

+ The forecast predicts that the UK will have the highest number of fatalities out of any European country.
+ But different models offer different predictions, mainly due to the data they use ...

*At **4:27 pm**, Anonymous said...*

The situation of contaminated from infected corpses due to a lack of body bags in the UK (not just a lack of masks and covid-19 testing):

https://www.express.co.uk/news/uk/1268269/uk-coronavirus-body-bags-news-boris-johnson-covid-19-death-rates-NHS-matt-hancock

Horrifying number of COVID-19 deaths leaves body bag suppliers unable to meet demand

MORTUARY suppliers have warned that they have run out of body bags, as the death toll in the UK fast approaches 1,000 per day.

By JOHN VARGA
PUBLISHED: 03:04, Mon, Apr 13, 2020 | UPDATED: 06:40, Mon, Apr 13, 2020

The shortage has led to some hospitals resorting to using sheets to move corpses. On Sunday, latest figures from Public Health England revealed that another 737 people had died in hospitals from COVID-19, bringing the total number of fatalities to 10,612. The UK is fast turning into a major epicentre for the disease within Europe, with some experts predicting that deaths in the UK will outstrip those in Italy and Spain.

The rising number of fatalities is placing a huge strain on mortuary suppliers and funeral parlours.

Barber Medical, who holds the NHS contract for mortuary supplies, told the BBC that zipped mortuary bag availability was a "real problem and they could not be sourced anywhere".
...

At 2:02 pm, Foxy lady said...

https://www.foxnews.com/world/taiwan-releases-december-email-showing-unheeded-warning-to-who-about-coronavirus

WORLDPublished 11 hours ago
Taiwan releases December email to WHO showing unheeded warning about coronavirus

By Vandana Rambaran | Fox News

The World Health Organization is under fire after Taiwan released the contents of a December email inquiring about the person-to-person spread of COVID-19, which it says was ignored by the organization and further denied to provide adequate information about how to fight the virus.

Taiwan is accusing the WHO of downplaying the severity and spread of the coronavirus in an attempt to pander to China, even after Taiwan sounded the alarm about at least seven cases of atypical pneumonia that they were aware of in Wuhan, where the virus originated.

CHINA WAS 'NOT TRUTHFUL' ABOUT INITIAL CORONAVIRUS OUTBREAK, EX-FDA BOSS GOTTLIEB SAYS

When asked about the cases by the media, Taiwan said China's health authorities said, "The cases were believed not SARS; however samples are still under examination, and cases have been isolated for treatment," according to the contents of an email sent by Taiwan's Center for Disease Control and Prevention to the WHO on Dec. 31.

"I would greatly appreciate it if you have relevant information to share with us," the email said.

Taiwan is located about 80 miles off China's coast but has declared itself an independent nation for over 70 years. China, however, has refused to acknowledge Taiwan's sovereignty and consistently fights to bring it back under Beijing's control.

As a result, China has successfully persuaded the WHO to exclude Taiwan from the organization.

The WHO denied that Taiwan ever alerted them to the potential person-to-person spread of the virus, but Taiwan's CDC said that because they specifically mentioned "atypical pneumonia" – reminiscent of SARS, which is transmitted via human contact – "public health professionals could discern from this wording that there was a real possibility of human-to-human transmission of the disease," they said in a press release.

"However, because at the time there were as yet no cases of the disease in Taiwan, we could not state directly and conclusively that there had been human-to-human transmission," Taiwan's CDC said.

Taiwan said that the WHO and the Chinese CDC both refused to provide adequate information that could have potentially prepared the government for the

impact of the virus sooner.

The WHO ignored warnings from Taiwan and continued to reiterate China's false talking points — that "there was no evidence of human-to-human transmission" of the novel pathogen even as late as Jan 14.

In addition, the WHO failed to mandate that Chinese officials share the viral strains that would have allowed diagnostic tests to have been produced significantly earlier worldwide.

Tensions between Taiwan and the WHO have caused President Trump to consider pulling funding from the U.N. agency, which receives the bulk of its money from U.S taxpayers' dollars.

Trump said Monday during the White House's coronavirus task force briefing that he expects to reach a decision by the end of the week -- days after he vowed that his administration would be "looking into" WHO's operations.

WHO chief Tedros Adhanom Ghebreyesus has accused the U.S. of "politicizing" its handling of the virus and said that doing so would result in "more body bags."

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Currently, the coronavirus pandemic has killed 118,854 people in the world and infected over 2 million others.

Fox News' Rich Edson contributed to this report.

Vandana Rambaran is a reporter covering news and politics at foxnews.com. She can be found on Twitter @vandanarambaran

*At **5:29 pm**, Anonymous said...*

"Jeong Eun-kyeong, director of the Korea Centers for Disease Control and Prevention (KCDC), told a briefing that the virus may have been “reactivated” rather than the patients being re-infected."

- https://www.reuters.com/article/us-health-coronavirus-southkorea-idUSKCN21S15X

This suggests covid-19 antibodies may not prevent re-infections, so a vaccine may not work.

*At **9:08 am**, Anonymous said...*

https://www.foxnews.com/politics/china-small-nuclear-tests-secret-state-department?fbclid=IwAR0uyktK7o6t5zfTJQJgQNrq1woznM2sdKvFAkTtenN86u6G_lpMCcTRPHc

CHINA Published 7 hours ago Last Update 5 hours ago
China may be conducting secret nuclear tests, State Department warns

By Nick Givas, Rich Edson | Fox News

The State Department is concerned China may be conducting small nuclear tests in secret, possibly violating an international agreement banning

such tests, Fox News confirmed Wednesday.

A new State Department report on compliance with arms control, nonproliferation and disarmament, first obtained by the Wall Street Journal earlier Wednesday, found that China may be flouting international law by conducting the tests within the northwest region of the country, using low explosive power.

The report didn't prove any wrongdoing on the part of the Chinese, but still raised red flags.

"Some compliance concerns are raised and some findings of violations are made," it read.

CORONAVIRUS HAS 'NO IMPACT' ON ABILITY TO LAUNCH NUCLEAR WEAPONS: TOP US NUKE COMMANDER

Officials wrote that China had maintained a "high level of activity" at its Lop Nur site in 2019, and could be seeking to operate it year-round going forward.

It also mentioned China's use of explosive containment chambers, extensive evacuations at the site and lack of transparency on nuclear testing as reasons for raising suspicions.

The report went on to cite further concerns about China's possible violation of the Biological Weapons Convention (BWC) by engaging "in biological activities with potential dual-use application."

The U.S. government also could not determine if China had shut down its biological warfare program, nor could it confirm if Beijing still had access to such weapons, due to its lack of openness and transparency.

China has been under growing scrutiny over its handling of the novel coronavirus (COVID-19) outbreak. There is increasing confidence that COVID-19 likely originated in a Wuhan laboratory not as a bioweapon, but as part of China's effort to demonstrate that its efforts to identify and combat viruses were equal to or greater than the capabilities of the United States, multiple sources who have been briefed on government actions and seen relevant materials revealed to Fox News.

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Secretary of State Mike Pompeo called out the Chinese government for not sharing the full story with the rest of the world.

"We know that this virus originated in Wuhan, China," Pompeo told "The Story". "We know there is the Wuhan Institute of Virology just a handful of miles away from where the wet market was. There is still lots to learn. The United States government is working diligently to figure it out."

Fox News' Bret Baier, Gregg Re, Charles Creitz and Martha MacCallum contributed to this report.

*At **9:10 am**, Anonymous said...*

https://kafkadesk.org/2020/04/05/czech-nudists-reprimanded-by-police-for-not-wearing-face-masks/

ULTRA-LOCAL NEWS FROM CENTRAL EUROPE

Czech nudists reprimanded by police for not wearing face-masks

BY KAFKADESK
5 APRIL 2020

5 APRIL 2020
COMMENTS 9
Czech police apprehend nudists without face-masks
PRAGUE, CZECH REPUBLIC – A group of Czech nudists were scolded by police officers for violating the obligation to wear protective face-masks in public spaces, local media reported.

Clothes or no clothes, face-masks mandatory in the Czech Republic
The message is clear: Protective face-masks have to be worn at all times in public, and no exception will be tolerated.

At 9:57 am, ***nige*** *said...*

What worries me about this is that the "hot beds" system - used on all the West's nuclear deterrent submarines - makes them highly vulnerable to covid-19 coronavirus pandemic, potentially weakening nuclear deterrence and risking WWIII breaking out:

https://breakingdefense.com/2020/04/covid-19-slams-wests-nuke-carriers-while-china-signals-taiwan-japan/

NAVAL WARFARE, THREATS
COVID-19 Slams West's Nuke Carriers While China Signals Taiwan, Japan
Monday may have marked a turning point for how the Navy, and perhaps the Pentagon, is dealing with the COVID-19 pandemic, raising questions over how deeply it might cut into military operations and what toll it will take on military readiness and operations.
By PAUL MCLEARY
on April 14, 2020 at 2:33 PM

WASHINGTON: China is operating the only aircraft carrier in the Western Pacific as the COVID crisis continues to ravage the USS Theodore Roosevelt in Guam, and the USS Ronald Reagan remains pierside in Japan.

The Liaoning carrier and its five-ship strike group skirted the territorial waters of Japan and Taiwan over the weekend, passing between the Japanese islands of Okinawa and Miyako on Saturday, before moving east of Taiwan on Sunday, according to reports. The move marks Beijing's latest show of force in the region as its naval strength continues to grow and many US carriers sit moribund.

While the PLA Navy flexed its muscles, American and French nuclear-powered aircraft carriers struggled to contend with the global pandemic. The stricken USS Theodore Roosevelt continues to offload sailors to hotels on shore in Guam as it treats and about 600 infected sailors are quarantined. The ship has been in port for two weeks, and it's not clear when it will return to sea.

On Monday, the Navy announced the first TR sailor died from COVID-related complications. Four sailors are hospitalized, and one has been moved into the intensive care unit due to shortness of breath, the Navy said today.

And France's Charles de Gaulle carrier is now land-bound after 50 sailors tested positive for the novel cornaivurs, leading the French government to evacuate and isolate the entire 1,700-person crew in Toulon while a deep cleaning of the ship takes place. The de Gaulle — the only non-US nuclear powered carrier in the world — was coming to the end of a three-month deployment, but returned to port early.

...

Navy officials say it's still unclear how COVID-19 made it aboard the TR. Many observers have pointed to its March 4 port call in Da Nang, Vietnam, blaming Capt. Brett Crozier for the visit. However, the port call had been signed off on by his boss' bosses, Indo-Pacom commander Adm. Philip Davidson and Adm. John Aquilino, commander of the Pacific Fleet.

The visit was a major diplomatic milestone, marking just the second US carrier visit to the country since the US pulled out in 1975, and comes as Washington continues to make overtures to the country's leadership as a bulwark against Chinese influence in the region."

If I were able to influence events, I'd recommend that all ships and subs with covid-19 outbreaks enforce biological warfare measures (respirators, anti-contamination disinfectant cleaning, and protective clothing) to try to stamp out the outbreaks vigorously, which should work (you can't self-isolate effectively in the cramped confines of a sub or ship).

But the whole nature of this pandemic and the China/W.H.O. anti-public masks advice suggests that regardless of whether the pandemic was started accidentally due to bat soup in Wuhan or a "leak" from a Chinese biological warfare field test, the Marxists are likely to gain power from the global collapse of capitalism and Western recession that will follow.

*At **10:01 am**, **nige** said...*

So regardless of whether it was an "accident" or not, it has been used in a way that maximises the spread and human/financial costs to the West. Now add the nuclear testing revelation to that:

https://www.dailymail.co.uk/news/article-8224419/State-Department-warns-China-conducting-secret-nuclear-bomb-tests.html

State Department warns that China may be conducting small nuclear bomb tests and hiding the evidence from the rest of the world
State Department report on Wednesday says there is evidence of banned tests
Activity at the Lop Nur test site indicates 'extensive excavations' through 2019
China also blocks transmission of international monitoring data, report claims
China has denied the accusations, saying the criticism was 'without foundation'
Lop Nur is China's main nuclear test site and is located in remote Xinjang
Learn more about how to help people impacted by COVID
By KEITH GRIFFITH FOR DAILYMAIL.COM and REUTERS

PUBLISHED: 07:16, 16 April 2020 | UPDATED: 09:08, 16 April 2020

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China may have secretly set off low-level underground nuclear test explosions despite claiming to observe an international pact banning such blasts, the U.S. State Department said in a report on Wednesday that could further fray U.S.-Chinese relations.

The finding may worsen ties already strained after President Donald Trump said the U.S. is investigating the possibility that coronavirus escaped from a Chinese lab and was covered up by Beijing. ...

The State Department report does not prove that China violated nuclear test ban treaties, but says there is disturbing evidence of secret activity at the

remote Lop Nur test site in the western province of Xinjang.

Lop Nur was China's sole nuclear testing site until 1996, when both China and the U.S. signed the Comprehensive Test Ban Treaty and vowed to adhere to its terms. ...

'China's possible preparation to operate its Lop Nur test site year-round, its use of explosive containment chambers, extensive excavation activities at Lop Nur and a lack of transparency on its nuclear testing activities ... raise concerns regarding its adherence to the zero yield standard,' the report said, without providing evidence of a low-yield test.

Beijing's lack of transparency included blocking data transmissions from sensors linked to a monitoring center operated by the international agency that verifies compliance with a treaty banning nuclear test explosions. ...

A senior U.S. official said the concerns about China's testing activities buttressed President Donald Trump's case for getting China to join the United States and Russia in talks on an arms control accord to replace the 2010 New START treaty between Washington and Moscow that expires in February. ...

'The pace and manner by which the Chinese government is modernizing its stockpile is worrying, destabilizing, and illustrates why China should be brought into the global arms control framework,' said the senior U.S. official on condition of anonymity. ...

China, estimated to have about 300 nuclear weapons, has repeatedly rejected Trump's proposal, arguing its nuclear force is defensive and poses no threat. ...

It comes after President Donald Trump said on Wednesday the U.S. is trying to determine whether the coronavirus first crossed to humans accidentally during experiments with bats at the Wuhan Institute of Virology Lab.

After word of the outbreak finally became public, Chinese leaders were quick to blame Wuhan's 'wet market' where wild animals -- though not bats -- are sold for consumption, leading one source to tell Fox News the debacle is the 'costliest government coverup of all time.'

'Patient zero' worked at the Wuhan lab, and spread the virus into the local population after leaving work, sources who had been briefed on intelligence told the outlet.

At 8:26 pm, nige said...

British Medical Journal: https://www.bmj.com/content/369/bmj.m1435 "Face masks for the public during the covid-19 crisis" - https://www.bmj.com/content/bmj/369/bmj.m1435.full.pdf :

"In conclusion, in the face of a pandemic the search for perfect evidence may be the enemy of good policy. As with parachutes for jumping out of aeroplanes, it is time to act without waiting for randomised controlled trial evidence. A recently posted preprint of a systematic review came to the same conclusion. Masks are simple, cheap, and potentially effective. We believe that, worn both in the home (particularly by the person showing symptoms) and also outside the home in situations where meeting others is likely (for example, shopping, public transport), they could have a substantial impact on transmission with a relatively small impact on social and economic life."

Wow! They never took that approach to civil defence in the cold war, when they believed USSR propaganda to make the UK vulnerable!

At 8:34 am, nige said...

"Coronavirus: London mayor Sadiq Khan calls for 'compulsory' face masks" - better late than never ! - https://www.bbc.co.uk/news/uk-england-london-52312906

At 8:36 am, ***nige*** *said...*

https://news.sky.com/story/coronavirus-mayor-sadiq-khan-calls-on-government-to-make-face-masks-on-london-transport-compulsory-11974436

London's mayor is lobbying ministers for a change in policy on face coverings in the fight against COVID-19.
Alan McGuinness, political reporter
Alan McGuinness
Political reporter @Alan_McGuinness

Friday 17 April 2020 08:25, UK

"Wearing masks to avoid catching COVID-19 might have some advantages, the transport secretary has said. ... He has been urged by the mayor of London to make wearing masks on public transport in the capital compulsory to stop the spread of coronavirus. Sadiq Khan wrote that: "The latest scientific evidence shows that they can reduce the chances of an individual unknowingly infecting other people with COVID-19 and can therefore help to slow the spread of the virus."

BETTER LATE THAN NEVER! :-)

At 8:41 am, *Mike said...*

The London Mayor is not suggesting that vulnerable people are protected properly, only that they receive inferior masks, with the best protection reserved to protect the NHS.

FFP2 (N95-equivalent) surgical face masks are reserved for the NHS, so why not give the elderly better protection for long periods of comfortable wearing, stockpiled military chemical/biological/nuclear particulate filter gas or respirator masks or nuclear industry masks?

"Face masks have become the new normal on streets and cities across the world as the coronavirus pandemic continues. A growing majority are deciding to cover their mouth and nose with bought or even homemade masks, in spite of World Health Organization (WHO) advice." - https://www.express.co.uk/news/science/1269472/coronavirus-uk-face-mask-effective-covid-19-protection

The key issue is that 100% of the media and W.H.O. lies against "masks" is directed against poor quality masks, not the high quality, efficient type of respirator that is needed!

Paper lifeboats might well have suffered the same propaganda fate prior to the sinking of the Titanic: "There is NO EVIDENCE that paper lifeboats will save any lives!!! Blah blah blah."

Straw-man propaganda tactics by the socialist mentality of W.H.O. that just wants to maximise the pandemic disaster in order to secure more and more funds.

https://www.bbc.co.uk/news/uk-england-kent-52326075 "Coronavirus: Home Office staff give face masks to migrants", 17 April 2020:

"Home Office staff have been seen fitting face masks to suspected migrants at Dover.

Pictures showed Immigration Enforcement officers, themselves wearing masks and gloves, processing them at the port. A total of 25 men and four women in three vessels arrived off the Kent coast between 04:30 and 12:00 BST. The Home Office said it was "standard practice" for migrants who arrive on small boats to be given face masks, fitted by individuals themselves."

So in the UK, the elderly most at risk need to get to France, burn their passports, then sail to England in leaky boats, in order to finally be deemed "economic migrants" worthy of protection and given masks. This seems to be the quack W.H.O. "guidelines" result!

*At **10:19 pm**, **nige** said...*

Marxist New Statesman's media Stasi try to turn genuine tragedies into poetic comedy. Well, let's not hold our breath waiting for TV screenwriters, producers and New Statesman writers to mask up, stop infecting and killing people with their ill-informed bigotry. The result of doing so will be similar to a high dose of covid-19.

THIS IS NOT A JOKE. UNLESS THE MEDIA TAKES EFFECTIVE CIVIL DEFENCE BIOLOGICAL AGENT GAS MASKS / RESPIRATORS SERIOUSLY, THE CONSEQUENCES WILL GET WORSE IN MANY WAYS. :-(

https://www.newstatesman.com/2020/04/eleven-days-may-have-tragically-cost-uk-fight-against-coronavirus

17 APRIL 2020
The eleven days that may have tragically cost the UK in the fight against coronavirus

In a personal account, Dominic Minghella recalls the pre-lockdown period in which he and others were spreading Covid-19 across the UK. ...

The days in question are 12-23 March, days in which the government decided to all but give up contact tracing and do, well, nothing. Mass gatherings were still allowed; concerts and racing and Champions League football; pubs and public transport. The over-70s, it must be conceded, were advised to avoid cruises.

Medics in Italy screamed: "Do something!" "Don't make our mistakes!" "Look at what happens if you leave it too late!" In those 11 days, our government decided there was nothing to be done. We wrestled open-mouthed with the ideas of "taking it on the chin", "letting it pass through the community" and "herd immunity". Then the government realised that this "strategy" might produce upwards of 250,000 deaths in the UK. ...

The 11 days during which our government decided there was nothing it could do included the days during which I was asymptomatic with Covid-19. I'm confident I picked up my infection on a packed train from Northallerton to London on 8 March. In the following few days, at maximum infectiousness, ... I went to shops and cafés and took my kids to school. On 12 March, with the government saying there was nothing to be done and abandoning us to the virus, I tried to buy hand sanitiser, but it was all gone. I went to the Post Office ... I passed my credit card to the post office worker to show my ID. At the pharmacy I signed the back of my prescription using a communal pen tied to the till with string. I went to our tiny, closely aisled Tesco. All the time, ... I had no idea that my selfish fears were pointless; I had already caught it.

... I probably spread my infection to others at the Post Office; through the pen at the pharmacy, the keypad at the Tesco. I made them ill. I had no idea, of course – no symptoms at all – but I may have killed people. I almost certainly infected people, who infected others, who infected still more ... "My" viral spreading will have cost some people their lives, some families their loved ones.

... On the day the government finally put the UK into lockdown (23 March), it was already too late for me. I was gasping for breath and (foolishly) resisting advice to go to hospital. ...

Dominic Minghella is a television screenwriter and producer....

At 11:34 am, Mike said...

Just to remind everyone of some key safety aspects of general purpose CBRN respirators (gas masks): don't use them against ammonia, carbon monoxide or carbon dioxide, or in oxygen deficient environments (where there is less than 17% oxygen you need to replace the filter canister with a fire brigade or scuba diving type compressed air cylinder and appropriate regulator/adapter), because they do NOT absorb oxygen, nitrogen, carbon dioxide or carbon monoxide which irreversibly binds up haemoglobin in red blood cells, causing oxygen insufficiency. This was a major problem in the first world war, when soldiers wore gas masks in fume filled recent bomb craters, and succumbed to carbon monoxide poisoning. Ideally, civil defence CBRN gas masks should contain clear warning labels on the filter canisters, stating:

"WARNING: TEST REGULARLY AND REPLACE WHEN SMOKE OR CHLORINE GAS BEGINS TO LEAK THROUGH FILTER. CBRN FILTER IS NOT PROOF AGAINST CO, CO2, NH3, OR IN OXYGEN-DEFICIENT ENVIRONMENTS WHERE COMPRESSED AIR IS NEEDED."

At 4:08 pm, Anonymous said...

It is curious that the BBC endlessly repeats three false reasons why vulnerable people should NOT wear masks:

a. *Only sick people and medical professionals really need masks.* THIS IS THE KEY FAKE W.H.O. CLAIM! On the contrary, in fact anyone can contract covid-19 and even asymptomatic people can spread the disease, and all need masks, debunking W.H.O.

b. *There is a shortage of disposable paper masks, which must be reserved for medics.* IGNORANT W.H.O. PROPAGANDA THAT IGNORES BETTER QUALITY MILITARY AN CIVIL DEFENSE/EMERGENCY GAS MASKS ENTIRELY. This claim also contradicts fake claim (a). If you claim people don't need masks, and then make the contradictory claim that the vulnerable people should denied protection because is a shortage caused by medics getting all the masks, you are confused!

c. *Masks make people touch their faces, spreading contamination.* IGNORANT W.H.O. PROPAGANDA BECAUSE FULL FACE GAS MASKS PREVENT PEOPLE FROM TOUCHING THEIR FACES AND THEREFORE PREVENT THE SPREAD OF CONTAMINATION BY HAND-TO-FACE CONTACT.

The BBC and other media are guilty of endlessly repeating this ignorant W.H.O. fake news mythology. The result so far is over 16,000 dead in hospitals and far more dead in nursing homes and houses, due to both covid-19 directly and to indirect deaths from fear of visiting contaminated hospitals for other medical problems that need live saving treatment. BBC tireless pro-lying anti-masks propaganda has a very heavy death toll. At some point, people apart from die-hard fascists will tire of applauding the lies. Truth needs airing.

At 4:31 pm, nige said...

The UK government seems to be following the lockdown strategy promoted by the Kate Winslet movie Contagion, instead of following what its own treatment of the airborne gas threat in 1938 when it issued everyone in the country with PPE and training it its use (ARP Handbook 1 on gas masks had sold 477,000 copies in its first edition in 1937, before civilian gas masks were even manufactured starting 1938).

The two useful aspects of the film Contagion are Winslet saying that the average person touches their face normally around 4 times every minute (thus the need for gas masks to prevent face-touching, which is a major contamination route due to hand to face contagion), and the depiction of various types of protective masks.

If everyone wore good PPE, the hospital overload and the testing problems would be ended soon. As the 2008 UK Health and Safety Executive research report RR619 explained in 2008, for airborne viruses paper masks reduce the inhalation hazard by about a factor of 6 but gas masks / respirators can reduce it by more than a factor of 100. This would stamp it out. Wearing gloves, we could then decontaminate door handles, cash point buttons, etc., and wipe out the virus, ending lock-down speedily. The fewer people then showing symptoms would stand out better and could be tested, isolated and contact-traced more easily, eliminating the crisis.

W.H.O. falsehoods against masks are killing thousands of people!

At 8:10 pm, ***nige*** *said...*

New paper in Britain's premier medical journal, The Lancet, finds: "Dismissing a low-cost intervention such as mass masking as ineffective because there is no evidence of effectiveness in clinical trials is in our view potentially harmful." - Kar Keung Cheng, Tai Hing Lam, and Chi Chiu Leung, "Wearing face masks in the community during the COVID-19 pandemic", The Lancet, April 16, 2020, https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)30918-1/fulltext

At 8:28 pm, ***nige*** *said...*

https://www.dailymail.co.uk/news/article-8234927/100-leading-doctors-call-public-wear-home-masks.html

Everyone in Britain 'should wear a mask': One hundred leading doctors say public should cover their face whenever they go out to limit spread of coronavirus

Top doctors have recommended that the public wear masks outdoors
They say Britain is out of step in its guidance, with other European countries including Germany, Italy and Spain now recommending their use

The coverings are already common in China, Japan and South Korea

Learn more about how to help people impacted by COVID

By ELEANOR HAYWARD FOR THE DAILY MAIL

PUBLISHED: 21:58, 19 April 2020 | UPDATED: 08:52, 20 April 2020

More than 100 top doctors have backed calls for the public to wear homemade face masks to protect themselves and others from contracting coronavirus when they leave their homes.

They signed a letter saying they were 'increasingly alarmed at official inaction over the need for the public to wear face masks'.

Ministers could make a decision this week on whether to order the use of protective equipment for millions of Britons in the workplace and on public transport.

The doctors spoke out ahead of a meeting of the Government's scientific advisers tomorrow to review evidence on whether masks should be made compulsory.

Britain is out of step in its guidance, with other European countries including Germany, Italy and Spain now recommending their use.

The doctors are backing the Masks4All campaign which is calling for 'ordinary homemade masks' to be worn by the public to help stop those with the disease spreading it to others.

Signatories of the letter include John Ashton, a former president of the Faculty of Public Health, and Martin McKee, a professor of European public health at the London School of Hygiene and Tropical Medicine.

Their missive to The Times said: 'Official UK policy is illogical… The latest guidance on PPE [personal protective equipment] says that people should wear masks in hospital waiting rooms 'to reduce both direct transmission and environmental contamination'. Why not elsewhere?

'The thousands of coronavirus mutual aid groups could make enough homemade masks for everyone, so it would cost next to nothing. Instructions are easily available, for example, at masks4all.org.uk.'

A petition has also been started by Masks4All urging the Government to make masks mandatory in the UK.

*At **8:36 pm**, Anonymous said...*

https://www.dailymail.co.uk/news/article-8237489/Medics-say-general-public-make-facemasks-stop-spread-coronavirus.html

Medics say general public should make their own face masks from bandanas, scarves and towels to stop spread of coronavirus

Campaigners Masks4All suggest home-made masks can slow spread of Covid-19
But World Health Organisation says there is no evidence to support public use

Scientific advisers for the Government are carrying out a review on face masks

Learn more about how to help people impacted by COVID

By WILLIAM COLE FOR MAILONLINE

PUBLISHED: 17:33, 20 April 2020 | UPDATED: 21:45, 20 April 2020

Britons should make their own face masks to stop the spread of coronavirus as supplies of the protective gear run short, medics have said.

Campaigners Masks4All has suggested that home-made masks can slow the spread of Covid-19. They group use the slogan 'my mask protects you and your mask protects me' on their website.

But the World Health Organisation (WHO) has said that there is no evidence to support the use of masks in the general population.

In the wider community outside of health and care facilities, people should wear masks if they are sick or caring for those who are ill, the organisation added.

The Masks4All campaign group was started in the Czech Republic, but now has a global following. More than 100 UK medics have lent the group their support.

Dr Helen Davison told The Telegraph that the group was 'advocating the use of cloth masks as a precautionary principle' and that it had been inspired by action taken in other countries 'that have introduced face masks at population level'.

Scientific advisers for the Government are carrying out a review on face masks. ...

Two types of mask meet high-grade medical standards - FFP3 and FFP2/N95. So what's the difference?

The two main types of medical-grade face mask on sale in Britain are the FFP3 and FFP2, also known as N95, masks.

These are the types that doctors and nurses must use when treating patients with the coronavirus, and offer the most protection against viruses in the air.

They are particularly vital during 'aerosolising' procedures such as putting in a ventilator, which is when medical workers are most at risk of breathing in viruses.

FFP stands for Filtering Face Piece, with FFP3 giving the highest level of protection against virus and bacterial infections, while FFP2 is the level below.

NHS guidance is for medics to use the FFP3 masks, while FFP2 is recommended by the World Health Organization and is the equivalent to the US's N95 mask.

The N in N95 stands for Not resistant to oil - because the mask is a particle respirator only and doesn't protect against fluids - while the 95 means it filters out 95 per cent of airborne particles.

Health officials say that when FFP3s are not available, FFP2s can be used. The WHO recommends FFP2 and N95 respirators, which are widely used in other countries.

The N95 does not have the CE mark to show compliance with European safety standards, but has been tested against standards similar to these requirements.

This pack of two FFP3 masks is the best selling product for the type of respirator on Amazon

*At **8:48 pm**, **nige** said...*

There's a petition https://www.change.org/p/sign-the-petition-to-demand-masks4all but it's not hitting the nail on the head. What is needed is proper protection for the most vulnerable people, which should be effective, preferably reusable gas masks that have a protection factor well over 100 for airborne respiratory aerosols, which will protect them reliably when visiting hospitals that are heavily contaminated, for chemotherapy, heart treatment, etc. Homemade masks only reduce airborne contamination risks by a factor of 6 (according to the tests reported in the UK Health and Safety Executive report RR619). The petition for homemade masks for all is NOT well thought out. High quality masks for vulnerable people are needed. At present all good masks are diverted from them. There are unused stockpiles of Avon biowar emergency/civil defence escape hoods and military gas masks that could be used to protect the vulnerable reliably!

*At **8:35 am**, **nige** said...*

Reparations claims against China could risk sparking another war, just as reparations against Germany after WWI led to conflict:

https://www.express.co.uk/news/world/1271028/Angela-Merkel-Germany-China-coronavirus-blame-Wuhan-Xi-Jinping-Trump-latest?fbclid=IwAR3kBbrW3iSQU4N4fp2o0--Mxo8Ckle2FxTRfidugUPr2U1Cb0rSMWDDvys

China furious as leading German newspaper writes out £130BN bill for 'coronavirus damages'
GERMANY has rattled China by joining the UK, France and the US in a rare attack, after Berlin called out Beijing's responsibility for the global pandemic and a leading newspaper issued a £130bn invoice.
By OLI SMITH
PUBLISHED: 00:01, Tue, Apr 21, 2020 | UPDATED: 12:36, Wed, Apr 22, 2020

Germany has sparked outrage in China after a Bild, the tabloid newspaper in the country, put together a £130bn invoice that Beijing "owes" Berlin following the impact of the coronavirus pandemic. Germany has followed France, the UK and the US in directing its coronavirus anger at China, where the virus originated. Recent attacks come amid findings that Beijing appeared to cover up the true scale of the crisis, as the source of the outbreak remains a mystery.

On Saturday, Donald Trump warned that China should face consequences if it was "knowingly responsible" for unleashing the coronavirus pandemic.

President Trump told reporters: "It could have been stopped in China before it started and it wasn't, and the whole world is suffering because of it.

"If it was a mistake, a mistake is a mistake. But if they were knowingly responsible, then there should be consequences.

He said the Chinese were "embarrassed" and the question was whether what happened with the coronavirus was "a mistake that got out of control, or was it done deliberately?"

President Trump and his senior aides have repeatedly accused China of lacking transparency.

And German Chancellor Angela Merkel has said: "I believe the more transparent China is about the origin story of the virus, the better it is for everyone in the world in order to learn from it."

This week the city of Wuhan, where the outbreak started, revised its number of fatalities by with a sudden 50% jump in the figure.

The UK has joined US intelligence officials in investigating claims that the virus originated in a Wuhan virus lab and not a wet market.

A bombshell op-ed this week in Germany's largest tabloid newspaper, Bild, joined this outrage by drawing up an itemised invoice for €149bn (£130b).

The list includes a €27 billion charge for lost tourism revenue, up to €7.2 billion for the German film industry, a million euros an hour for German airline Lufthansa and €50 billion for German small businesses.

Bild calculated that this amounts to €1,784 (£1,550) per person if Germany's GDP falls by 4.2 percent, under the title "What China owes us."

China responded by claiming the invoice "stirs up xenophobia and nationalism".

*At **12:33 pm**, **nige** said...*

38 second clip of BBC David Shukman anti masks propaganda BBC1 News 1816 hours on 23 April 2020. The BBC's propagandarist David Shukman circulates deceptive propaganda in the form of "strawman" arguments against masks in which he shows the video of covid-19 droplets spreading and then some NHS "expert" or other states that "on balance, people don't need masks outdoors", even though it is about indoor contamination (hospital corridors, waiting rooms at surgeries, diagnosis and rooms for cancer or heart disease, supermarkets, shops, offices, buses, trains, tubes, care homes, etc.). This is deliberate Dr Goebbels style lying, because we could END the pandemic by the massive reduction of the reproduction number of the virus if we all wore efficient droplet filtering gas masks for a week (because, outside the body, the virus only survives a few days on most surfaces except in a refrigerator). The BBC anti-masks propaganda tricks used to cause over 20,000 deaths:

https://www.facebook.com/watch/?v=2254952801480370

*At **1:00 pm**, Mike said...*

Disposable paper masks should really be banned by the NHS and everyone else.

Reusable respirators should be used by everyone.

They have a protective factor of over 100 contrasted by just 6 for paper masks, and they are cheaper in the long run, because they can be disinfected and reused. They are better designed, more comfortable, and can be used for longer.

The media's obsession with ineffective paper masks is based on ignorance.

*At **2:22 pm**, Anonymous said...*

The BBC Panorama and News desks have never had any vested interest in debunking group-think propaganda from fireproof cladding "experts" or any others. They are solely interested in promoting Marxist Momentum style propaganda to bankrupt capitalism. Similarly, the Conservative Party went along, and indeed led, the attempt in this country to start the Second World War by the ill-informed appeasement policy towards fascism, which was warmly supported by a long list of Labour Party "opponents" from George Lansbury through Baldwin, Henderson and Chamberlain. The BBC promoted the appeasement strategy which led Hitler to believe Britain was too feeble to oppose fascism, thus leading to the Second World War. The BBC also led paedophilia through its 1980s "stars" like Sir Jimmy Saville, while hypocritically claiming to speak truth to power. It's nothing but a front for bigotry and officialdom, supporting hatred and opposing those who want corruption called to account by exposing the truth.

*At **2:28 pm**, **nige** said...*

A respirator wearing policy would also be easier to police than the current vaguer "lockdown", because people can currently flout the rules and argue over their interpretation (how long can they spend out exercising each day?, how far can they go on their daily run or cycle ride?, etc.). With compulsory use of respirators, as in WWII, anyone not wearing a respiratory when entering a hospital or supermarket etc could be arrested by police and put into safe quarantine in a police cell until the pandemic is over (which would be very quickly if everyone could be encouraged in this way to wear effective masks to end the pandemic fast).

*At **9:18 am**, Mike said...*

The David Shukman's BBC interview with a British government adviser who says that the risk to the general public is too low, without giving any numbers to back up her claim that 20,000 deaths signifies an insignificant risk, to wear masks reminds me of similar claims.

1. Various buildings with cladding had burned down before Grenfell without fatalities, and some people had warned that people could be killed unless something was done. Official response: the risk is too low to worry about. No objective analysis backed up that claim.

2. After people pointed out in the 1960s that road deaths would be reduced if everyone was forced by law to wear a seat belt in vehicles, objectors claimed

the risk was too low to bother about, despite thousands of deaths a year on the roads.

It will take a big campaign against the BBC and government to get them to change course on covid-19 and to save lives and stamp out the pandemic.

Don't expect any help from those with a vested interest in keeping the ship set on course for the ice berg, i.e. the people who stand to win acclaim for vaccine or antibody test development (even if these are way less effective than masks). Obviously, the BBC just wants hubris and party politics from it, not a solution. I hear they are trying to edit out people wearing masks in other countries from VT footage, to make it seem as if masks are not a sensible solution, in the same way Stalin airbrushed Trotsky out of old photos.

*At **9:57 am**, **nige** said...*

"Don't expect any help from those with a vested interest in ... vaccine or antibody test development ..."

It's worse than this. Professional quacks try to pretend there is "no alternative" and make hate attacks on gas masks, jokes against them, or quick "no evidence" lying dismissals, in order to divert all funding to their own preferred quack scheme. Thus, in the 1930s, disarmament fanatics "had to dismiss civil defence and gas masks" because they were a "danger", being a credible alternative to surrendering to fascism or risking extermination. The same continued into the 1980s, and CND were still attacking civil defence even after their USSR had collapsed. The government put up a token support for civil defence but never really made an all-out assault on the lying propaganda methods used against it. Hence, the BBC's David Shukman, who incidentally has also in the past gone into the disarmament-is-the-only-way-to-save-us mythology, is using propaganda tricks against effective defence.

It's the same in superstring theory and genuine criticisms of positive water feedback delusions in climate propaganda "science": the lying use of "no evidence" when what the really mean is that they have corrupted peer-review to stop the evidence being examined! The BBC is doing this with the masks "debate": their propaganda technique is to just interview critics of instead of having a debate. If they did have a "debate" it would presumably be arranged with a load of anti-mask fanatics (funded for vaccine, antibody test, etc.) on one side, and a selection of ignorant morons representing the pro-masks side! Don't let anyone say that the BBC is not competent at enforcing mass deception, hypocrisy, misinformation and making hate attacks on the freedom of access of unbiased information. ;-)

*At **3:23 pm**, **Anonymous** said...*

The results of the BBC and UK Government reliance on WHO anti masks propaganda:

https://www.telegraph.co.uk/news/2020/04/28/uks-death-toll-will-soon-worst-europe-charts/

UK has recorded Europe's highest average daily deaths for four days in a row - pushing it towards becoming Europe's worst affected country

By
Ashley Kirk,
SENIOR DATA JOURNALIST
28 April 2020 • 12:09pm

The UK's five-day average for coronavirus deaths is now the highest of any major European economy at this point in the pandemic's curve, new analysis has revealed.

At this point in the pandemic, some 42 days since the tenth death, the five-day average for deaths in the UK stands at 598, according to the latest data from Johns Hopkins University. This is far higher than Italy (559), France (509) and Spain (423).

UK coronavirus deaths have been the highest among all major European countries for four days in a row, overtaking France at this stage of the pandemic.

At 7:17 pm, ***nige*** *said...*

Scotland leads the UK as always:

https://www.reuters.com/article/us-health-coronavirus-britain-scotland/scotlands-sturgeon-recommends-wearing-face-masks-in-enclosed-public-spaces-idUSKCN22A1Y8

WORLD NEWS

APRIL 28, 2020 / 1:34 PM / UPDATED 6 HOURS AGO

Scotland's Sturgeon recommends wearing face masks in enclosed public spaces

LONDON (Reuters) - Scotland's First Minister Nicola Sturgeon has urged people to start wearing a face mask if they are in enclosed places such as public transport and shops, diverging for now from the official advice from London.

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Credible nuclear deterrence of invasions and conventional wars reduce the risk of large conventional and nuclear wars occurring through escalation of invasions such as the invasion of Belgium in 1914 and the invasion of Poland in 1939, of surprise attacks like those against France in 1940 and of Russia and Pearl Harbor in 1941, Afghanistan in 1979, Kuwait in 1990, or Crimea in 2014. Contrary to irrational, pseudo-scientific propaganda, the number of nuclear weapons is smaller than the millions of conventional weapons used in large wars and the correct scaling shows that the overall effects are similar, not massively different as often claimed for political propaganda by enemies of peace. Furthermore, the greater time delay of effects from nuclear weapons over the damaged area increases the efficiency of cheap civil defence countermeasures, as compared to conventional weapons. We need credible effects of nuclear weapons for real world peace: peace through tested, proved and practical declassified deterrence and countermeasures against collateral damage. Credible deterrence through simple, effective protection against concentrated and dispersed invasions and aerial attacks. Discussions of the facts as opposed to inaccurate, misleading lies of the "disarm or be annihilated" political dogma variety. Hiroshima and Nagasaki anti-nuclear propaganda debunked by the hard facts. Walls not wars. Walls bring people together by stopping divisive terrorists. In conclusion, credible nuclear deterrence of conventional war offers a beautiful opportunity to create a peaceful world, free from fear peddling, ranting dictators. The only oppositions you will meet will come from authoritarian obsessed fear peddling myth makers. If they can't tell the truth and face the facts, why listen to them? Please see our post on the need to *deter not only direct threats from nuclear attacks but also conventional wars and invasions* that can *escalate* into nuclear wars (as proved by the use of nuclear weapons in WWII, for example, after they were developed during the war itself and did not trigger or provoke the war), linked here, here, here, and here, here, here, and the true scaling law equivalence between a few thousand nuclear weapons and the several million tons of small conventional weapons in a non-nuclear world war as proved by our post summarising key points in Herman Kahn's much-abused call for credible deterrence, *On Thermonuclear War,* linked here. Peace comes through tested, proved and practical declassified countermeasures against the effects

of nuclear weapons, chemical weapons and conventional weapons. Credible deterrence to end invasions and wars comes through simple, effective protection against invasions like low yield tactical weapons and walls, and civil defence against collateral damage. Peace comes through discussions of the facts as opposed to inaccurate, misleading lies of the "disarm or be annihilated" political dogma variety, which are designed to exploit fear to close down criticisms of errors in mainstream orthodoxy. In particular, please see the post linked here on EMP results from an actual Russian 300 kt test at 290 km altitude over unwarned civilian infrastructure in Kazakhstan on 22 October 1962, which caused no injuries or deaths whatsoever (contrary to all of Jeremy Corbyn and CND style lying propaganda that any use of nuclear weapons on civilians would automatically kill millions), but shut down the communications and power supply lines! This is not secret, but does not make newspaper headlines to debunk CND style dogmas on the alleged incredibility of nuclear deterrence.

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Hiroshima's air raid shelters were unoccupied because Japanese Army officers were having breakfast when B29s were detected far away, says Yoshie Oka, the operator of the Hiroshima air raid sirens on 6 August 1945...

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In a sample of 1,881 burns cases in Hiroshima, only 17 (or 0.9 percent) were due to ignited clothing and 15 (or 0.7%) were due to the firestorm flames...

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Dr Harold L. Brode's new book, Nuclear Weapons in ...

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800 war migrants drowned on 22 April by EU policy:...

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Photographed fireball shielding by cloud cover in ...

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Nuclear weapons effects "firestorm" and "nuclear w...

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Proved 97.5% survival in completely demolished houses ...

How to achieve peace through tested, proved and practical declassified countermeasures against the effects of nuclear weapons, chemical weapons and conventional weapons. Credible deterrence through simple, effective protection against invasions and collateral damage. Discussions of the facts as opposed to inaccurate, misleading lies of the "disarm or be annihilated" political dogma variety. Hiroshima and Nagasaki anti-nuclear propaganda debunked by the hard facts. Walls not wars. Walls bring people together by stopping attacks by "divide and rule" style divisive terrorists, contrary to simplistic Vatican propaganda.

"There has never been a war yet which, if the facts had been put calmly before the ordinary folk, could not have been prevented." - British Foreign Secretary Ernest Bevin, House of Commons Debate on Foreign Affairs, Hansard, 23 November 1945, column 786 (unfortunately secret Cabinet committees called "democracy" for propaganda purposes have not been quite so successful in preventing war). Protection is needed against collateral civilian damage and contamination in conventional, chemical and nuclear attack, with credible low yield clean nuclear deterrence against conventional warfare which, in reality (not science fiction) costs far

more lives. Anti scientific media, who promulgate and exploit terrorism for profit, censor (1) vital, effective civil defense knowledge and (2) effective, safe, low yield air burst clean weapons like the Mk54 and W79 which deter conventional warfare and escalation, allowing arms negotiations from a position of strength. This helped end the Cold War in the 1980s. Opposing civil defense and nuclear weapons that really deter conventional war, is complacent and dangerous.

War and coercion dangers have not stemmed from those who openly attack mainstream mistakes, but from those who camouflage themselves as freedom fighters to ban such free criticism itself, by making the key facts seem taboo, without even a proper debate, let alone financing research into unfashionable alternatives. Research and education in non-mainstream alternatives is needed before an unprejudiced debate, to establish all the basic facts for a real debate. "Wisdom itself cannot flourish, nor even truth be determined, without the give and take of debate and criticism." – Robert Oppenheimer (quotation from the H-bomb TV debate hosted by Eleanor Roosevelt, 12 February 1950).

"Apologies for freedom? I can't handle this! ... Deal from strength or get crushed every time ... Freedom demands liberty everywhere. I'm thinking, you see, it's not so easy. But we have to stand up tall and answer freedom's call!" – Freedom Kids

CONVENTIONAL WARS HAVE KILLED TENS OF MILLIONS OF PEOPLE, NUCLEAR WEAPONS CAN RAPIDLY DETER THIS REAL THREAT TO PEACE WITH MINIMAL CASUALTIES. 'During the critical period 8-15 February [1968], the U.S. command realized [that conventional] bombing was not sufficiently effective. ... The air campaign dropped over 110,000 tons of bombs and napalm on the area around Khe Sanh during the 77-day siege ... the most heavily bombed target in the history of conventional warfare.' – W. C. Yengst, S. J. Lukasik, and M. A. Jensen, *Nuclear Weapons that went to War,* SAID report DSWA-TR-97-25, September 1998 (quoted in the 2015 book by the secret *Capabilities of Nuclear Weapons* editor, Dr Harold L. Brode, *Nuclear Weapons in the Cold War,* page 287). British Nuclear Test Civil Defence Research

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CHANGE 1

Field Manual No 101-31-1

NUCLEAR WEAPONS EMPLOYMENT DOCTRINE AND PROCEDURES

Radius of vulnerability (emergency risk criterion: 5% combat ineffectiveness)

Figure 54. Radii of Vulnerability.

CATEGORY — **PERSONNEL (LL) IN—** **(Based on Governing Effect)**

Radii listed are distances at which a 5 percent incidence of effect occurs. HOB used is $60W^{1/3}$ meters.

Yield (KT)	Open	Open Foxholes	APCs	Tanks	Earth Shelter
	(Distances are in meters)				
0.1	700	600	600	500	300
1	1200	900	900	800	500
10	3200	1300	1300	1250	900

Protective factor = ratio of area of effect in the open, to area of effect for shelter

Example: for 300 kt, the protective factor of open foxholes is equal to $(14{,}000)^2/(2{,}100)^2 = 44$.

Open	Open Foxholes	APCs	Tanks	Earth Shelter	Yield (KT)
1	1.36	1.36	1.96	5.44	0.1
1	1.78	1.78	2.25	5.76	1
1	6.06	6.06	6.55	12.6	10

10	3200	1300	1300	1250	900	1	6.06	6.06	6.99	12.6	10
20	4000	1500	1450	1400	1000	1	7.11	7.61	8.16	16.0	20
100	8000	1900	1800	1800	1400	1	17.7	19.8	19.8	32.7	100
200	12000	2000	1900	1900	1500	1	36.0	39.9	39.9	64.0	200
300	14000	2100	1950	1950	1600	1	44.4	51.5	51.5	76.6	300

Calculation of the injury-averting protective factors by simple open foxholes and earth shelters, as a function of weapon yield. Most countermeasures are relatively ineffective against tactical nuclear wapons (due to the predominating neutron radiation effect at 0.1 kt yield), but are extremely effective against strategic nuclear weapons with yields of 100, 200 and 300 kt (protective factors of 44 to 77).

The definition of protective factor used here is the factor by which casualties numbers are reduced.

Richard P. Feynman, 'This Unscientific Age', in *The Meaning of It All,* Penguin Books, London, 1998, pages 106-9:

'Now, I say if a man is absolutely honest and wants to protect the populace from the effects of radioactivity, which is what our scientific friends often say they are trying to do, then he should work on the biggest number, not on the smallest number, and he should try to point out that the [natural cosmic] radioactivity which is absorbed by living in the city of Denver is so much more serious [than the smaller doses from nuclear explosions] ... that all the people of Denver ought to move to lower altitudes.'

"If a man reads or hears a criticism of anything in which he has an interest, watch ... if he shows concern with any question except 'is it true?' he thereby reveals that his own attitude is unscientific. Likewise if ... he judges an idea not on its merits but with reference to the author of it; if he criticizes it as 'heresy'; if he argues that authority must be right because it is authority ... The path of truth is paved with critical doubt, and lighted by the spirit of objective enquiry... the majority of people have resented what seems in retrospect to have been purely matter of fact ... nothing has aided the persistence of falsehood, and the evils resulting from it, more than the unwillingness of good people to admit the truth ... the tendency continues to be shocked by natural comment, and to hold certain things too 'sacred' to think about. ... How rarely does one meet anyone whose first reaction to anything is to ask: 'is it true?' Yet, unless that is a man's natural reaction, it shows that truth is not uppermost in his mind, and unless it is, true progress is unlikely."

- Sir Basil Henry Liddell Hart, *Why Don't We Learn from History?,* PEN Books, 1944; revised edition, Allen and Unwin, 1972.

Civil defense countermeasures, to be taken seriously by the population, require the publication of solid facts with the scientific evidence to support those facts against political propaganda to the contrary. Secrecy over the effects of nuclear weapons tests does not hinder plutonium and missile production by rogue states, but it does hinder civil defense countermeasures, by permitting lying political propaganda to go unopposed (see linked post, here).

Terrorists successfully prey on the vulnerable. The political spreading of lies concerning threats and the alleged 'impossibility' of all countermeasures, terrorizing the population in order to 'justify' supposedly pro-peace disarmament policies in the 1920s-1930s, resulted in the secret rearmament of fascist states which were terrorizing the Jews and others, eventually leading to World War II.

Political exaggerations about nuclear weapons effects today:

(1) encourage terrorist states and other groups to secretly invest in such weapons to use either for political intimidation or for future use against countries which have no countermeasures, and

(2) falsely dismiss, in the eyes of the media and the public, cheap relatively effective countermeasures like civil defense and ABM.

Therefore, doom-mongering media lies *make us vulnerable to the proliferation threat* today in two ways, just as they led to both world wars:

(1) Exaggerations of offensive technology and a down-playing of simple countermeasures such as trenches, encouraged belligerent states to start World War I in the false belief that modern technology implied overwhelming firepower which would terminate the war quickly on the basis of offensive preparedness: if the facts about simple trench countermeasures against shelling and machine guns during the American Civil War had been properly understood, it would have been recognised by Germany that a long war based on munitions production and logistics would be necessary, and war would have been seen to be likely to lead to German defeat against countries with larger overseas allies and colonies that could supply munitions and the other resources required to win a long war.

(2) Exaggerations of aerial bombardment technology after World War I led to disarmament 'supported by' false claims that it was impossible to have any defense against a perceived threat of instant annihilation from thousands of aircraft carrying gas and incendiary bombs, encouraging fascists to secretly rearm in order to successfully take advantage of the fear and vulnerability caused by this lying political disarmament propaganda.

Contrived dismissal of civil defense by Marxist "Cambridge Scientists Anti-War Group" bigots: (a) appeased war-mongering enemies, and (b) maximised war mortality rates. Idealism kills. Super effective, fully proof-tested, cheap civil defense makes nuclear deterrence credible to stop conventional war devastation by avoiding collateral damage, tit-for-tat retaliation and escalation.

Historically, it has been proved that having weapons is not enough to guarantee a reasonable measure of safety from terrorism and rogue states; countermeasures are also needed, both to make any deterrent credible and to negate or at least mitigate the effects of a terrorist attack. Some people who wear seatbelts die in car crashes; some people who are taken to hospital in ambulances, even in peace-time, die. Sometimes, lifebelts and lifeboats cannot save lives at sea. This lack of a 100% success rate in saving lives doesn't disprove the value of everyday precautions or of hospitals and medicine. Hospitals don't lull motorists into a false sense of security, causing them to drive faster and cause more accidents. Like-minded 'arguments' against ABM and civil defense are similarly vacuous.

'As long as the threat from Iran persists, we will go forward with a missile system that is cost-effective and proven. If the Iranian threat is eliminated, we will have a stronger basis for security, and the driving force for missile-defense construction in Europe will be removed.'

- President Obama, Prague Castle, Czech Republic, 4 April 2009.

Before 9/11, Caspar Weinberger was quizzed by skeptical critics on the BBC News program *Talking Point, Friday, May 4, 2001: Caspar Weinberger quizzed on new US Star Wars ABM plans:*

'The [ABM] treaty was in 1972 ... The theory ... supporting the ABM treaty [which prohibits ABM, thus making nations vulnerable to terrorism] ... that it will prevent an arms race ... is perfect nonsense because we have had an arms race all the time we have had the ABM treaty, and we have seen the greatest increase in proliferation of nuclear weapons that we have ever had. ... So the ABM treaty preventing an arms race is total nonsense. ...

'You have to understand that without any defences whatever you are very vulnerable. It is like saying we don't like chemical warfare - we don't like gas attacks - so we are going to give up and promise not to have any defences ever against them and that of course would mean then we are perfectly safe. ...

'The Patriot was not a failure in the Gulf War - the Patriot was one of the things which defeated the Scud and in effect helped us win the Gulf War. One or two of the shots went astray but that is true of every weapon system that has ever been invented. ...

'The fact that a missile defence system wouldn't necessarily block a suitcase bomb is certainly not an argument for not proceeding with a missile defence when a missile that hits can wipe out hundreds of thousands of lives in a second. ...

'The curious thing about it is that missile defence is not an offensive weapon system - missile defence cannot kill anybody. Missile defence can help preserve and protect your people and our allies, and the idea that you are somehow endangering people by having

a defence strikes me almost as absurd as saying you endanger people by having a gas mask in a gas attack. ...

'President Bush said that we were going ahead with the defensive system but we would make sure that nobody felt we had offensive intentions because we would accompany it by a unilateral reduction of our nuclear arsenal. It seems to me to be a rather clear statement that proceeding with the missile defence system would mean fewer arms of this kind.

'You have had your arms race all the time that the ABM treaty was in effect and now you have an enormous accumulation and increase of nuclear weapons and that was your arms race promoted by the ABM treaty. Now if you abolish the ABM treaty you are not going to get another arms race - *you have got the arms already there* - and if you accompany the missile defence construction with the unilateral reduction of our own nuclear arsenal then it seems to me you are finally getting some kind of inducement to reduce these weapons.'

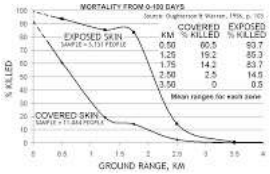
Before the ABM system is in place, and afterwards if ABM fails to be 100% effective in an attack, or is bypassed by terrorists using a bomb in a suitcase or in a ship, civil defense is required and can be effective at saving lives:

'Paradoxically, the more damaging the effect, that is the farther out its lethality stretches, the more can be done about it, because in the last fall of its power it covers vast areas, where small mitigations will save very large numbers of people.'

- Peter Laurie, *Beneath the City Streets: A Private Inquiry into the Nuclear Preoccupations of Government,* Penguin, 1974.

'The purpose of a book is to save people [the] time and effort of digging things out for themselves. ... we have tried to leave the reader with something tangible – what a certain number of calories, roentgens, etc., means in terms of an effect on the human being. ... we must think of the people we are writing for.'

– Dr Samuel Glasstone, DSc, letter dated 1 February 1957 to Colonel Dent L. Lay, Chief, Weapons Effects Division, U.S. Armed Forces Special Weapons Project, Washington, D.C., pages 2 and 4, concerning the preparation of *The Effects of Nuclear Weapons*.



Glasstone and Dolan stated in *The Effects of Nuclear Weapons* (1977), Table 12.17 on page 546, that the median distance in Hiroshima for survival after 20 days was 0.12 miles for people in concrete buildings and 1.3 miles for people standing outdoors. Therefore the median distances for survival in modern city buildings and in the open differed by a factor of 11 for Hiroshima; the difference in areas was thus a factor of 11^2 or about 120. *Hence, taking cover in modern city buildings reduces the casualty rates and the risks of being killed by a factor of 120 for Hiroshima conditions, contrary to popular media presented political propaganda that civil defence is hopeless*. This would reduce 120,000 casualties to 1,000 casualties.

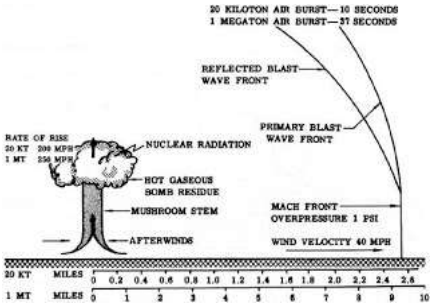
From Dr Glasstone's *Effects of Nuclear Weapons* (1962/64 ed., page 631): 'At distances between 0.3 and 0.4 mile from ground zero in Hiroshima the average survival rate, for at least 20 days after the nuclear explosion, was less than 20 percent. Yet in two reinforced concrete office buildings, at these distances, almost 90 percent of the nearly 800 occupants survived more than 20 days, although some died later of radiation injury. Furthermore, of approximately 3,000 school students who were in the open and unshielded within a mile of ground zero at Hiroshima, about 90 percent were dead or missing after the explosion. But of nearly 5,000 students in the same zone who were shielded in one way or another, only 26 percent were fatalities. ... survival in Hiroshima was possible in buildings at such distances that the overpressure in the open was 15 to 20 pounds per square inch. ... it is evident ... that the area over which protection could be effective in saving lives is roughly eight to ten times as great as that in which the chances of survival are small.'

Lord Mayhew, House of Lords debate on Civil Defence (General Local Authority Functions) Regulations, Hansard, vol. 444, cc. 523-49, 1 November 1983: '... if there had been effective civil defence at Hiroshima probably thousands of lives would have been saved and much human suffering would have been avoided. There is no question about it. ...'

Since the 1977 update by Glasstone and Dolan, extensive new updates to EM-1 for a further revised edition of *The Effects of Nuclear Weapons* have not actually been published with unlimited public distribution, due to President Carter's 1979 executive order which transferred responsibility for civil defense from the jurisdiction of the U.S. Department of Defense's Defense Civil Preparedness Agency to the new agency (which is not an Agency of the U.S. Department of Defense, and is not concerned with the analysis of nuclear weapons test effects data), the Federal Emergency Management Agency. However, the February 1997 U.S. Department of Defense's Defense Special Weapons Agency 0602715H RDT&E Budget Item Justification Sheet (R-2 Exhibit) states that a revision of Glasstone and Dolan's unclassified *Effects of Nuclear Weapons* was budgeted for 1997-9:

"FY 1997 Plans: ... Provide text to update Glasstone's book, *The Effects of Nuclear Weapons,* the standard reference for nuclear weapons effects. ... Update the unclassified textbook entitled, *The Effects of Nuclear Weapons.* ... Continue revision of Glasstone's book, *The Effects of Nuclear Weapons,* the standard reference for nuclear weapons effects. ... FY1999 Plans ... Disseminate updated *The Effects of Nuclear Weapons.*"

The new publications are either classified or unclassified with limited distribution restrictions (e.g., Bridgman's *Introduction to the Physics of Nuclear Weapons Effects,* which includes several chapters on nuclear weapons design to enable initial radiation outputs to be calculated precisely) which prevents up-to-date basic nuclear effects information to justify civil defense against the latest nuclear threats from being widely disseminated; the books are printed for use only by government agencies. The problem with this approach is that widespread public understanding of the best information for civil defense countermeasures is prevented.



'The evidence from Hiroshima indicates that blast survivors, both injured and uninjured, in buildings later consumed by fire [caused by the blast overturning charcoal braziers used for breakfast in inflammable wooden houses filled with easily ignitable bamboo furnishings and paper screens] were generally able to move to safe areas following the explosion. Of 130 major buildings studied by the U.S. Strategic Bombing Survey ... 107 were ultimately burned out ... Of those suffering fire, about 20 percent were burning after the first half hour. The remainder were consumed by fire spread, some as late as 15 hours after the blast. This situation is not unlike the one our computer-based fire spread model described for Detroit.'

- Defense Civil Preparedness Agency, U.S. Department of Defense, *DCPA Attack Environment Manual, Chapter 3: What the Planner Needs to Know About Fire Ignition and Spread,* report CPG 2-1A3, June 1973, Panel 27.

***The Effects of the Atomic Bomb on Hiroshima, Japan,* US Strategic Bombing Survey, Pacific Theatre, report 92, volume 2 (May 1947, secret):**

Volume one, page 14:

"... the city lacked buildings with fire-protective features such as automatic fire doors and automatic sprinkler systems", and pages 26-28 state the heat flash in Hiroshima was only:

"... capable of starting primary fires in exposed, easily combustible materials such as dark cloth, thin paper, or dry rotted wood exposed to direct radiation at distances usually within 4,000 feet of the point of detonation (AZ)."

Volume two examines the firestorm and the ignition of clothing by the thermal radiation flash in Hiroshima:

Page 24:

"Scores of persons throughout all sections of the city were questioned concerning the ignition of clothing by the flash from the bomb. ... Ten school boys were located during the study who had been in school yards about 6,200 feet east and 7,000 feet west, respectively, from AZ [air zero]. These boys had flash burns on the portions of their faces which had been directly exposed to rays of the bomb. The boys' stories were consistent to the effect that their clothing, apparently of cotton materials, 'smoked,' but did not burst into flame. ... a boy's coat ... started to smoulder from heat rays at 3,800 feet from AZ." [Contrast this to the obfuscation and vagueness in Glasstone, *The Effects of Nuclear Weapons*!]

Page 88:

"Ignition of the City. ... Only directly exposed surfaces were flash burned. Measured from GZ, flash burns on wood poles were observed at 13,000 feet, granite was roughened or spalled by heat at 1,300 feet, and vitreous tiles on roofs were blistered at 4,000 feet. ... six persons who had been in reinforced-concrete buildings within 3,200 feet of air zero stated that black cotton blackout curtains were ignited by radiant heat ... dark clothing was scorched and, in some cases, reported to have burst into flame from flash heat [*although as the 1946 unclassified USSBS report admits, most immediately beat the flames out with their hands without sustaining injury, because the clothing was not drenched in gasoline, unlike peacetime gasoline tanker road accident victims*]

"... but a large proportion of over 1,000 persons questioned was in agreement that a great majority of the original fires was started by debris falling on kitchen charcoal fires, by industrial process fires, or by electric short circuits. Hundreds of fires were reported to have started in the centre of the city within 10 minutes after the explosion. Of the total number of buildings investigated [135 buildings are listed] 107 caught fire, and in 69 instances, the probable cause of initial ignition of the buildings or their contents was as follows: (1) 8 by direct radiated heat from the bomb (primary fire), (2) 8 by secondary sources, and (3) 53 by fire spread from exposed [wooden] buildings."

'It is true that the Soviets have tested nuclear weapons of a yield higher than that which we thought necessary, but the 100-megaton bomb of which they spoke two years ago does not and will not change the balance of strategic power. The United States has chosen, deliberately, to concentrate on more mobile and more efficient weapons, with lower but entirely sufficient yield ...' - President John F. Kennedy in his television broadcast to the American public, 26 July 1963.

'During World War II many large cities in England, Germany, and Japan were subjected to terrific attacks by high-explosive and incendiary bombs. Yet, when proper steps had been taken for the protection of the civilian population and for the restoration of services after the bombing, there was little, if any, evidence of panic. It is the purpose of this book to state the facts concerning the atomic bomb, and to make an objective, scientific analysis of these facts. It is hoped that as a result, although it may not be feasible completely to allay fear, it will at least be possible to avoid panic.'

– Dr George Gamow (the big bang cosmologist), Dr Samuel Glasstone, DSc (Executive Editor of the book), and Professor Joseph O. Hirschfelder, *The Effects of Atomic Weapons,* Chapter 1, p. 1, Paragraph 1.3, U.S. Department of Defense, September 1950.

'The consequences of a multiweapon nuclear attack would certainly be grave ... Nevertheless, recovery should be possible if plans exist and are carried out to restore social order and to mitigate the economic disruption.'

- Philip J. Dolan, editor of *Nuclear Weapons Employment* FM 101-31 (1963), *Capabilities of Nuclear Weapons* DNA-EM-1 (1972), and *The Effects of Nuclear Weapons* (1977), Stanford Research Institute, Appendix A of the U.S. National Council on Radiological protection (NCRP) symposium *The Control of Exposure to the Public of Ionising Radiation in the Event of Accident or Attack,* 1981.

'Suppose the bomb dropped on Hiroshima had been 1,000 times as powerful ... It could not have killed 1,000 times as many people, but at most the entire population of Hiroshima ... [regarding the hype about various nuclear "overkill" exaggerations] there is enough water in the oceans to drown everyone ten times.'

- Professor Brian Martin, PhD (physics), 'The global health effects of nuclear war', *Current Affairs Bulletin,* Vol. 59, No. 7, December 1982, pp. 14-26.

In 1996, half a century after the nuclear detonations, data on cancers from the Hiroshima and Nagasaki survivors was published by D. A. Pierce et al. of the Radiation Effects Research Foundation, RERF (*Radiation Research* vol. 146 pp. 1-27; *Science* vol. 272, pp. 632-3) for 86,572 survivors, of whom 60% had received bomb doses of over 5 mSv (or 500 millirem in old units) suffering 4,741 cancers of which only 420 were due to radiation, consisting of 85 leukemias and 335 solid cancers.

'Today we have a population of 2,383 [radium dial painter] cases for whom we have reliable body content measurements. . . . All 64 bone sarcoma [cancer] cases occurred in the 264 cases with more than 10 Gy [1,000 rads], while no sarcomas appeared in the 2,119 radium cases with less than 10 Gy.'

- Dr Robert Rowland, Director of the Center for Human Radiobiology, *Bone Sarcoma in Humans Induced by Radium: A Threshold Response?,* Proceedings of the 27th Annual Meeting, European Society for Radiation Biology, Radioprotection colloquies, Vol. 32CI (1997), pp. 331-8.

Zbigniew Jaworowski, 'Radiation Risk and Ethics: Health Hazards, Prevention Costs, and Radiophobia', *Physics Today,* April 2000, pp. 89-90:

'... it is important to note that, given the effects of a few seconds of irradiation at Hiroshima and Nagasaki in 1945, a threshold near 200 mSv may be expected for leukemia and some solid tumors. [Sources: UNSCEAR, *Sources and Effects of Ionizing Radiation,* New York, 1994; W. F. Heidenreich, et al., *Radiat. Environ. Biophys.,* vol. 36 (1999), p. 205; and B. L. Cohen, *Radiat. Res.,* vol. 149 (1998), p. 525.] For a protracted lifetime natural exposure, a threshold may be set at a level of several thousand millisieverts for malignancies, of 10 grays for radium-226 in bones, and probably about 1.5-2.0 Gy for lung cancer after x-ray and gamma irradiation. [Sources: G. Jaikrishan, et al., *Radiation Research,* vol. 152 (1999), p. S149 (for natural exposure); R. D. Evans, *Health Physics,* vol. 27 (1974), p. 497 (for radium-226); H. H. Rossi and M. Zaider, *Radiat. Environ. Biophys.,* vol. 36 (1997), p. 85 (for radiogenic lung cancer).] The hormetic effects, such as a decreased cancer incidence at low doses and increased longevity, may be used as a guide for estimating practical thresholds and for setting standards. ...

'Though about a hundred of the million daily spontaneous DNA damages per cell remain unrepaired or misrepaired, apoptosis, differentiation, necrosis, cell cycle regulation, intercellular interactions, and the immune system remove about 99% of the altered cells. [Source: R. D. Stewart, *Radiation Research,* vol. 152 (1999), p. 101.] ...

'[Due to the Chernobyl nuclear accident in 1986] as of 1998 (according to UNSCEAR), a total of 1,791 thyroid cancers in children had been registered. About 93% of the youngsters have a prospect of full recovery. [Source: C. R. Moir and R. L. Telander, *Seminars in Pediatric Surgery,* vol. 3 (1994), p. 182.] ... The highest average thyroid doses in children (177 mGy) were accumulated in the Gomel region of Belarus. The highest incidence of thyroid cancer (17.9 cases per 100,000 children) occurred there in 1995, which means that the rate had increased by a factor of about 25 since 1987.

'This rate increase was probably a result of improved screening [not radiation!]. Even then, the incidence rate for occult thyroid cancers was still a thousand times lower than it was for occult thyroid cancers in nonexposed populations (in the US, for example, the rate is 13,000 per 100,000 persons, and in Finland it is 35,600 per 100,000 persons). Thus, given the prospect of improved diagnostics, there is an enormous potential for detecting yet more [fictitious] "excess" thyroid cancers. In a study in the US that was performed during the period of active screening in 1974-79, it was determined that the incidence rate of malignant and other thyroid nodules was greater by 21-fold than it had been in the pre-1974 period. [Source: Z. Jaworowski, *21st Century Science and Technology,* vol. 11 (1998), issue 1, p. 14.]'

'Professor Edward Lewis used data from four independent populations exposed to radiation to demonstrate that the incidence of leukemia was linearly related to the accumulated dose of radiation. ... Outspoken scientists, including Linus Pauling, used Lewis's risk estimate to inform the public about the danger of nuclear fallout by estimating the number of leukemia deaths that would be caused by the test detonations. In May of 1957 Lewis's analysis of the radiation-induced human leukemia data was published as a lead article in Science magazine. In June he presented it before the Joint Committee on Atomic Energy of the US Congress.' – Abstract of thesis by Jennifer Caron, *Edward Lewis and Radioactive Fallout: the Impact of Caltech Biologists Over Nuclear Weapons Testing in the 1950s and 60s,* Caltech, January 2003.

Dr John F. Loutit of the Medical Research Council, Harwell, England, in 1962 wrote a book called Irradiation of Mice and Men (University of Chicago Press, Chicago and London), discrediting the pseudo-science from geneticist Edward Lewis on pages 61, and 78-79:

'... Mole [R. H. Mole, *Brit. J. Radiol.,* v32, p497, 1959] gave different groups of mice an integrated total of 1,000 r of X-rays over a period of 4 weeks. But the dose-rate - and therefore the radiation-free time between fractions - was varied from 81 r/hour intermittently to 1.3 r/hour continuously. The incidence of leukemia varied from 40 per cent (within 15 months of the start of irradiation) in the first group to 5 per cent in the last compared with 2 per cent incidence in irradiated controls. …

'What Lewis did, and which I have not copied, was to include in his table another group - spontaneous incidence of leukemia (Brooklyn, N.Y.) - who are taken to have received only natural background radiation throughout life at the very low dose-rate of 0.1-0.2 rad per year: the best estimate is listed as 2 x 10^{-6} like the others in the table. But the value of 2 x 10^{-6} was not calculated from the data as for the other groups; it was merely adopted. By its adoption and multiplication with the average age in years of Brooklyners - 33.7 years and radiation dose per year of 0.1-0.2 rad - a mortality rate of 7 to 13 cases per million per year due to background radiation was deduced, or some 10-20 per cent of the observed rate of 65 cases per million per year. ...

'All these points are very much against the basic hypothesis of Lewis of a linear relation of dose to leukemic effect irrespective of time. Unhappily it is not possible to claim for Lewis's work as others have done, "It is now possible to calculate - within narrow limits - how many deaths from leukemia will result in any population from an increase in fall-out or other source of radiation" [Leading article in *Science,* vol. 125, p. 963, 1957]. This is just wishful journalese.

'The burning questions to me are not what are the numbers of leukemia to be expected from atom bombs or radiotherapy, but what is to be expected from natural background .... Furthermore, to obtain estimates of these, I believe it is wrong to go to [1950s inaccurate, dose rate effect ignoring, data from] atom bombs, where the radiations are qualitatively different [i.e., including effects from neutrons] and, more important, the dose-rate outstandingly different.'

Samuel Glasstone and Philip J. Dolan, *The Effects of Nuclear Weapons,* 3rd ed., 1977, pp. 611-3:

'From the earlier studies of radiation-induced mutations, made with fruitflies [by Nobel Laureate Hermann J. Muller and other geneticists who worked on plants, who falsely hyped their insect and plant data as valid for mammals like humans during the June 1957 U.S. Congressional Hearings on fallout effects], it appeared that the number (or frequency) of mutations in a given population ... is proportional to the total dose ... More recent experiments with mice, however, have shown that these conclusions need to be revised, at least for mammals. [*Mammals are biologically closer to humans, in respect to DNA repair mechanisms, than short-lived insects whose life cycles are too small to have forced the evolutionary development of advanced DNA repair mechanisms, unlike mammals that need to survive for decades before reproducing*.] When exposed to X-rays or gamma rays, the mutation frequency in these animals has been found to be dependent on the exposure (or dose) rate ...

'At an exposure rate of 0.009 roentgen per minute [0.54 R/hour], the total mutation frequency in female mice is indistinguishable from the spontaneous frequency. [Emphasis added.] There thus seems to be an exposure-rate threshold below which radiation-induced mutations are absent ... with adult female mice ... a delay of at least seven weeks between exposure to a substantial dose of radiation, either neutrons or gamma rays, and conception causes the mutation frequency in the offspring to drop almost to zero. ...

recovery in the female members of the population would bring about a substantial reduction in the 'load' of mutations in subsequent generations.'

George Bernard Shaw cynically explains groupthink brainwashing bias:

'We cannot help it because we are so constituted that we always believe finally what we wish to believe. The moment we want to believe something, we suddenly see all the arguments for it and become blind to the arguments against it. The moment we want to disbelieve anything we have previously believed, we suddenly discover not only that there is a mass of evidence against, but that this evidence was staring us in the face all the time.'

From the essay titled 'What is Science?' by Professor Richard P. Feynman, presented at the fifteenth annual meeting of the National Science Teachers Association, 1966 in New York City, and published in *The Physics Teacher,* vol. 7, issue 6, 1968, pp. 313-20:

'... great religions are dissipated by following form without remembering the direct content of the teaching of the great leaders. In the same way, it is possible to follow form and call it science, but that is pseudo-science. In this way, we all suffer from the kind of tyranny we have today in the many institutions that have come under the influence of pseudoscientific advisers.

'We have many studies in teaching, for example, in which people make observations, make lists, do statistics, and so on, but these do not thereby become established science, established knowledge. They are merely an imitative form of science analogous to the South Sea Islanders' airfields - radio towers, etc., made out of wood. The islanders expect a great airplane to arrive. They even build wooden airplanes of the same shape as they see in the foreigners' airfields around them, but strangely enough, their wood planes do not fly. The result of this pseudoscientific imitation is to produce experts, which many of you are. ... you teachers, who are really teaching children at the bottom of the heap, can maybe doubt the experts. As a matter of fact, I can also define science another way: Science is the belief in the ignorance of experts.'

Richard P. Feynman, 'This Unscientific Age', in *The Meaning of It All,* Penguin Books, London, 1998, pages 106-9:

'Now, I say if a man is absolutely honest and wants to protect the populace from the effects of radioactivity, which is what our scientific friends often say they are trying to do, then he should work on the biggest number, not on the smallest number, and he should try to point out that the [natural cosmic] radioactivity which is absorbed by living in the city of Denver is so much more serious [than the smaller doses from nuclear explosions] ... that all the people of Denver ought to move to lower altitudes.'

Feynman is *not* making a point about low level radiation effects, but about the politics of ignoring the massive natural background radiation dose, while provoking hysteria over much smaller measured fallout pollution radiation doses. Why is the anti-nuclear lobby so concerned about banning nuclear energy - which is not possible even in principle since most of our nuclear radiation is from the sun and from supernova debris contaminating the Earth from the explosion that created the solar system circa 4,540 million years ago - when they could cause much bigger radiation dose reductions to the population by concentrating on the bigger radiation source, natural background radiation. It is possible to shield natural background radiation by the air, e.g. by moving the population of high altitude cities to lower altitudes where there is more air between the people and outer space, or banning the use of high-altitude jet aircraft. The anti-nuclear lobby, as Feynman stated back in the 1960s, didn't crusade to reduce the bigger dose from background radiation. Instead they chose to argue against the *much smaller* doses from fallout pollution. Feynman's argument is still today falsely interpreted as a political statement, when it is actually exposing pseudo-science and countering political propaganda. It is still ignored by the media. It has been pointed out by Senator Hickenlooper on page 1060 of the May-June 1957 U.S. Congressional Hearings before the Special Subcommittee on Radiation of the Joint Committee on Atomic Energy, *The Nature of Radioactive Fallout and Its Effects on Man:*

'I presume all of us would earnestly hope that we never had to test atomic weapons ... but by the same token I presume that we want to save thousands of lives in this country every year and we could just abolish the manufacture of [road accident causing] automobiles ...'

Dihydrogen monoxide is a potentially very dangerous chemical containing hydrogen and oxygen which has caused numerous severe burns by scalding and deaths by drowning, contributes to the greenhouse effect, accelerates corrosion and rusting of many metals, and contributes to the erosion of our natural landscape: 'Dihydrogen monoxide (DHMO) is colorless, odorless, tasteless, and kills uncounted thousands of people every year. Most of these deaths are caused by accidental inhalation of DHMO, but the dangers of dihydrogen monoxide do not end there. Prolonged exposure to its solid form causes severe tissue damage. Symptoms of DHMO ingestion can include excessive sweating and urination, and possibly a bloated feeling, nausea, vomiting and body electrolyte imbalance. For those who have become dependent, DHMO withdrawal means certain death.'

From the site for the petition against dihydrogen monoxide: 'Please sign this petition and help stop This Invisible Killer. Get the government to do something now. ... Contamination Is Reaching Epidemic Proportions! Quantities of dihydrogen monoxide have been found in almost every stream, lake, and reservoir in America today. But the pollution is global, and the contaminant has even been found in Antarctic ice. DHMO has caused millions of dollars of property damage in the Midwest, and recently California.'

A recent example of the pseudoscientific radiation 'education' masquerading as science that Feynman (quoted above) objected to in the 1960s was published in 2009 in an article called 'The proportion of childhood leukaemia incidence in Great Britain that may be caused by natural background ionizing radiation' in *Leukemia,* vol. 23 (2009), pp. 770–776, which falsely asserts - in contradiction to the evidence that the no-threshold model is *contrary* to Hiroshima and Nagasaki data: 'Risk models based primarily on studies of the Japanese atomic bomb survivors imply that low-level exposure to ionizing radiation, including ubiquitous natural background radiation, also raises the risk of childhood leukaemia. Using two sets of recently published leukaemia risk models and estimates of natural background radiation red-bone-marrow doses received by children, about 20% of the cases of childhood leukaemia in Great Britain are predicted to be attributable to this source.' The authors of this pseudoscience which is the opposite of the facts are R. Wakeford (Dalton Nuclear Institute, University of Manchester, Manchester, UK), G. M. Kendall (Childhood Cancer Research Group, Oxford, UK), and M. P. Little (Department of Epidemiology and Public Health, Imperial College, London, UK). It is disgusting and sinful that the facts about childhood leukemia are being lied on so blatantly for non-scientific purposes, and it is to be hoped that these leukemia investigators will either correct their errors or alternatively be banned from using scientific literature to promote false dogma for deception until they mend the error of their ways and repent their sins in this matter.

Protein P53, discovered only in 1979, is encoded by gene TP53, which occurs on human chromosome 17. P53 also occurs in other mammals including mice, rats and dogs. P53 is one of the proteins which continually repairs breaks in DNA, which easily breaks at body temperature: the DNA in each cell of the human body suffers at least two single strand breaks every second, and one double strand (i.e. complete double helix) DNA break occurs at least once every 2 hours (5% of radiation-induced DNA breaks are double strand breaks, while 0.007% of spontaneous DNA breaks at body temperature are double strand breaks)! Cancer occurs when several breaks in DNA happen to occur by chance at nearly the same time, giving several loose strand ends at once, which repair proteins like P53 then repair incorrectly, causing a mutation which can be proliferated somatically. This cannot occur when only one break occurs, because only two loose ends are produced, and P53 will reattach them correctly. But if low-LET ionising radiation levels are increased to a certain extent, causing more single strand breaks, P53 works faster and is able deal with faster breaks as they occur, so that multiple broken strand ends do not arise. This prevents DNA strands being repaired incorrectly, and prevents cancer - a result of mutation caused by faults in DNA - from arising. Too much radiation of course overloads the P53 repair mechanism, and then it cannot repair breaks as they occur, so multiple breaks begin to appear and loose ends of DNA are wrongly connected by P53, causing an increased cancer risk.

1. DNA-damaging free radicals are equivalent to a source of sparks which is always present naturally.

2. Cancer is equivalent the fire you get if the sparks are allowed to ignite the gasoline, i.e. if the free radicals are allowed to damage DNA without the damage being repaired.

3. Protein P53 is equivalent to a fire suppression system which is constantly damping out the sparks, or repairing the damaged DNA so that cancer doesn't occur.

In this way of thinking, the 'cause' of cancer will be down to a failure of a DNA repairing enzyme like protein P53 to repair the damage.

Dr Jane Orient, 'Homeland Security for Physicians', *Journal of American Physicians and Surgeons,* vol. 11, number 3, Fall 2006, pp. 75-9:

'In the 1960s, a group of activist physicians called Physicians for Social Responsibility (PSR) undertook to "educate the medical profession and the world about the dangers of nuclear weapons," beginning with a series of articles in the *New England Journal of Medicine*. [Note that journal was publishing information for anti-civil defense propaganda back in 1949, e.g. the article in volume 241, pp. 647-53 of New England Journal of Medicine which falsely suggests that civil defense in nuclear war would be hopeless because a single burned patient in 1947 with 40% body area burns required 42 oxygen tanks, 36 pints of plasma, 40 pints of whole blood, 104 pints of fluids, 4,300 m of gauze, 3 nurses and 2 doctors. First, only unclothed persons in direct line of sight without shadowing can get 40% body area burns from thermal radiation, second, duck and cover offers protection in a nuclear attack warning, and G. V. LeRoy had already published, two years earlier, in J.A.M.A., volume 134, 1947, pp. 1143-8, that less than 5% of burns in Hiroshima and Nagasaki were caused by building and debris fires. In medicine it is always possible to expend vast resources on patients who are fatally injured. In a mass casualty situation, doctors should not give up just because they don't have unlimited resources; as at Hiroshima and Nagasaki, they would need to do their best with what they have.] On its website, www.psr.org, the group boasts that it "led the campaign to end atmospheric nuclear testing." With this campaign, the linear no-threshold (LNT) theory of radiation carcinogenesis became entrenched. It enabled activists to calculate enormous numbers of potential casualties by taking a tiny risk and multiplying it by the population of the earth. As an enduring consequence, the perceived risks of radiation are far out of proportion to actual risks, causing tremendous damage to the American nuclear industry. ... Efforts to save lives were not only futile, but unethical: Any suggestion that nuclear war could be survivable increased its likelihood and was thus tantamount to warmongering, PSR spokesmen warned. ...

'For the mindset that engendered and enables this situation, which jeopardizes the existence of the United States as a nation as well as the lives of millions of its citizens, some American physicians and certain prestigious medical organizations bear a heavy responsibility.

'Ethical physicians should stand ready to help patients to the best of their ability, and not advocate sacrificing them in the name of a political agenda. Even very basic knowledge, especially combined with simple, inexpensive advance preparations, could save countless lives.'

Dr Theodore B. Taylor, *Proceedings of the Second Interdisciplinary Conference on Selected Effects of a General War,* DASIAC Special Report 95, July 1969, vol. 2, DASA-2019-2, AD0696959, page 298 (also linked here):

'I must just say that as far as I'm concerned I have had some doubts about whether we should have had a civil defense program in the past. I have no doubt whatsoever now, for this reason, that I've seen ways in which the deterrent forces can fail to hold things off, so that no matter what our national leaders do, criminal organizations, what have you, groups of people over which we have no control whatsoever, can threaten other groups of people.'

This point of Taylor is the key fact on the morality. Suppose we disarm and abandon nuclear power. That won't stop fallout from a war, terrorists, or a foreign reactor blast from coming. Civil defence knowledge is needed. Even when America has ABM, it will be vulnerable to wind carried fallout. No quantity of pacifist hot air will protect people against radiation.

Charles J. Hitch and Roland B. McKean of the RAND Corporation in their 1960 book *The Economics of Defense in the Nuclear Age,* Harvard University Press, Massachusetts, pp. 310-57:

'With each side possessing only a small striking force, a small amount of cheating would give one side dominance over the other, and the incentive to cheat and prepare a preventative attack would be strong ... With each side possessing, say, several thousand missiles, a vast amount of cheating would be necessary to give one side the ability to wipe out the other's striking capability. ... the more extensive a disarmament agreement is, the smaller the force that a violator would have to hide in order to achieve complete

domination. Most obviously, "the abolition of the weapons necessary in a general or 'unlimited' war" would offer the most insuperable obstacles to an inspection plan, since the violator could gain an overwhelming advantage from the concealment of even a few weapons.'

Disarmament after World War I caused the following problem which led to World War II (reported by Winston S. Churchill in the London Daily Express newspaper of November 1, 1934):

'Germany is arming secretly, illegally and rapidly. A reign of terror exists in Germany to keep secret the feverish and terrible preparations they are making.'

British Prime Minister Thatcher's address to the United Nations General Assembly on disarmament on 23 June 1982, where she pointed out that in the years since the nuclear attacks on Hiroshima and Nagasaki, 10 million people had been killed by 140 non-nuclear conflicts:

'The fundamental risk to peace is not the existence of weapons of particular types. It is the disposition on the part of some states to impose change on others by resorting to force against other nations ... Aggressors do not start wars because an adversary has built up his own strength. They start wars because they believe they can gain more by going to war than by remaining at peace.'

J. D. Culshaw, the then Director of the U.K. Home Office Scientific Advisory Branch, stated in his article in the Scientific Advisory Branch journal *Fission Fragments,* September 1972 (issue No. 19), classified 'Restricted':

'Apart from those who don't want to know or can't be bothered, there seem to be three major schools of thought about the nature of a possible Third World War ...

*** 'The first group think of something like World War II but a little worse ...**

*** '... the second of World War II but very much worse ...**

*** 'and the third group think in terms of a catastrophe ...**

'When the Armageddon concept is in favour, the suggestion that such problems exist leads to "way out" research on these phenomena, and it is sufficient to mention a new catastrophic threat [e.g., 10 years later this was done by Sagan with "nuclear winter" hype, which turned out to be fake because modern concrete cities can't produce firestorms like 1940s wooden-built areas of Hamburg, Dresden and Hiroshima] to stimulate research into the possibilities of it arising. The underlying appeal of this concept is that if one could show that the execution of all out nuclear, biological or chemical warfare would precipitate the end of the world, no one but a mad man would be prepared to initiate such a war. [However, as history proves, plenty of mad men end up gaining power and leading countries into wars.]'

J. K. S. Clayton, then Director of the U.K. Home Office Scientific Advisory Branch, stated in his introduction, entitled *The Challenge - Why Home Defence?,* to the 1977 Home Office Scientific Advisory Branch *Training Manual for Scientific Advisers:*

'Since 1945 we have had nine wars - in Korea, Malaysia and Vietnam, between China and India, China and Russia, India and Pakistan and between the Arabs and Israelis on three occasions. We have had confrontations between East and West over Berlin, Formosa and Cuba. There have been civil wars or rebellions in no less than eleven countries and invasions or threatened invasions of another five. Whilst it is not suggested that all these incidents could have resulted in major wars, they do indicate the aptitude of mankind to resort to a forceful solution of its problems, sometimes with success. ...'

It is estimated that Mongol invaders exterminated 35 million Chinese between 1311-40, without modern weapons. Communist Chinese killed 26.3 million dissenters between 1949 and May 1965, according to detailed data compiled by the Russians on 7 April 1969. The Soviet communist dictatorship killed 40 million dissenters, mainly owners of small farms, between 1917-59. Conventional (non-nuclear) air raids on Japan killed 600,000 during World War II. The single incendiary air raid on Tokyo on 10 March 1945 killed 140,000 people (more than the total for nuclear bombs on Hiroshima and Nagasaki combined) at much less than the $2 billion

expense of the Hiroshima and Nagasaki nuclear bombs! Non-nuclear air raids on Germany during World War II killed 593,000 civilians. The argument that the enemy will continue stocking megaton fallout weapons if we go to cleaner weapons is irrelevant for deterrence, since we're not planning to start war, just to credibly deter invasions. You should not try to lower your standards of warfare to those of your enemy to appease groupthink taboos, or you will end up like Britain's leaders in the 1930s, trying to collaborate with fascists for popular applause.

House of Lords debate *Nuclear Weapons: Destructive Power,* published in Hansard, 14 June 1988:

Lord Hailsham of Saint Marylebone: 'My Lords, if we are going into the question of lethality of weapons and seek thereby to isolate the nuclear as distinct from the so-called conventional range, is there not a danger that the public may think that Vimy, Passchendaele and Dresden were all right—sort of tea parties—and that nuclear war is something which in itself is unacceptable?'

Lord Trefgarne: 'My Lords, the policy of making Europe, or the rest of the world, safe for conventional war is not one that I support.'

House of Commons debate *Civil Defence* published in Hansard, 26 October 1983:

Mr. Bill Walker (Tayside, North): 'I remind the House that more people died at Stalingrad than at Hiroshima or Nagasaki. Yet people talk about fighting a conventional war in Europe as if it were acceptable. One rarely sees demonstrations by the so-called peace movement against a conventional war in Europe, but it could be nothing but ghastly and horrendous. The casualties would certainly exceed those at Stalingrad, and that cannot be acceptable to anyone who wants peace'

On 29 October 1982, Thatcher stated of the Berlin Wall: 'In every decade since the war the Soviet leaders have been reminded that their pitiless ideology only survives because it is maintained by force. But the day comes when the anger and frustration of the people is so great that force cannot contain it. Then the edifice cracks: the mortar crumbles ... one day, liberty will dawn on the other side of the wall.'

On 22 November 1990, she said: 'Today, we have a Europe ... where the threat to our security from the overwhelming conventional forces of the Warsaw Pact has been removed; where the Berlin Wall has been torn down and the Cold War is at an end. These immense changes did not come about by chance. They have been achieved by strength and resolution in defence, and by a refusal ever to be intimidated.'

'The case for civil defence stands regardless of whether a nuclear deterrent is necessary or not. ... Even if the U.K. were not itself at war, we would be as powerless to prevent fallout from a nuclear explosion crossing the sea as was King Canute to stop the tide.' - U.K. Home Office leaflet, Civil Defence, 1982.

'... peace cannot be guaranteed absolutely. Nobody can be certain, no matter what policies this or any other Government were to adopt, that the United Kingdom would never again be attacked. Also we cannot tell what form such an attack might take. Current strategic thinking suggests that if war were to break out it would start with a period of conventional hostilities of uncertain duration which might or might not escalate to nuclear conflict. ... while nuclear weapons exist there must always be a chance, however small, that they will be used against us [like gas bombs in World War II]. ... as a consequence of war between other nations in which we were not involved fall out from nuclear explosions could fall on a neutral Britain. ... conventional war is not the soft option that is sometimes suggested. It is also too easily forgotten that in World War II some 50 million people died and that conventional weapons have gone on killing people ever since 1945 without respite.' - - The Minister of State, Scottish Office (Lord Gray of Contin), House of Lords debate on Civil Defence (General Local Authority Functions) Regulations, Hansard, vol. 444, cc. 523-49, 1 November 1983.

'All of us are living in the light and warmth of a huge hydrogen bomb, 860,000 miles across and 93 million miles away, which is in a state of continuous explosion.' - Dr Isaac Asimov.

'Dr Edward Teller remarked recently that the origin of the earth was somewhat like the explosion of the atomic bomb...' – Dr Harold C. Urey, *The Planets: Their Origin and Development,* Yale University Press, New Haven, 1952, p. ix.

'But compared with a supernova a hydrogen bomb is the merest trifle. For a supernova is equal in violence to about a million million million million hydrogen bombs all going off at the same time.' – Sir Fred Hoyle (1915-2001), *The Nature of the Universe,* Pelican Books, London, 1963, p. 75.

'In fact, physicists find plenty of interesting and novel physics in the environment of a nuclear explosion. Some of the physical phenomena are valuable objects of research, and promise to provide further understanding of nature.' – Dr Harold L. Brode, The RAND Corporation, 'Review of Nuclear Weapons Effects,' *Annual Review of Nuclear Science,* Volume 18, 1968, pp. 153-202.

'It seems that similarities do exist between the processes of formation of single particles from nuclear explosions and formation of the solar system from the debris of a [4 x 10^{28} megatons of TNT equivalent, type Ia] supernova explosion. We may be able to learn much more about the origin of the earth, by further investigating the process of radioactive fallout from the nuclear weapons tests.' – Dr Paul K. Kuroda (1917-2001), University of Arkansas, 'Radioactive Fallout in Astronomical Settings: Plutonium-244 in the Early Environment of the Solar System,' pages 83-96 of *Radionuclides in the Environment: A Symposium Sponsored By the Division of Nuclear Chemistry and Technology At the 155th Meeting of the American Chemical Society, San Francisco, California, April 1-3, 1968*, edited by Symposium Chairman Dr Edward C. Freiling (1922-2000) of the U.S. Naval Radiological Defense Laboratory, Advances in Chemistry Series No. 93, American Chemical Society, Washington, D.C., 1970.

Dr Paul K. Kuroda (1917-2001) in 1956 correctly predicted the existence of water-moderated natural nuclear reactors in flooded uranium ore seams, which were discovered in 1972 by French physicist Francis Perrin in three ore deposits at Oklo in Gabon, where sixteen sites operated as natural nuclear reactors with self-sustaining nuclear fission 2,000 million years ago, each lasting several hundred thousand years, averaging 100 kW. The radioactive waste they generated remained in situ for a period of 2,000,000,000 years without escaping. They were discovered during investigations into why the U-235 content of the uranium in the ore was only 0.7171% instead of the normal 0.7202%. Some of the ore, in the middle of the natural reactors, had a U-235 isotopic abundance of just 0.440%. Kuroda's brilliant paper is entitled, 'On the Nuclear Physical Stability of the Uranium Minerals', published in the *Journal of Chemical Physics*, vol. 25 (1956), pp. 781–782 and 1295–1296.

A type Ia supernova explosion, always yielding 4 x 10^{28} megatons of TNT equivalent, results from the critical mass effect of the collapse of a white dwarf as soon as its mass exceeds 1.4 solar masses due to matter falling in from a companion star. The degenerate electron gas in the white dwarf is then no longer able to support the pressure from the weight of gas, which collapses, thereby releasing enough gravitational potential energy as heat and pressure to cause the fusion of carbon and oxygen into heavy elements, creating massive amounts of radioactive nuclides, particularly intensely radioactive nickel-56, but half of all other nuclides (including uranium and heavier) are also produced by the 'R' (rapid) process of successive neutron captures by fusion products in supernovae explosions. Type Ia supernovae occur typically every 400 years in the Milky Way galaxy. On 4 July 1054, Chinese astronomers observed in the sky (without optical instruments) the bright supernova in the constellation Taurus which today is still visible as the Crab Nebula through telescopes. The Crab Nebula debris has a diameter now of 7 light years and is still expanding at 800 miles/second. The supernova debris shock wave triggers star formation when it encounters hydrogen gas in space by compressing it and seeding it with debris; bright stars are observed in the Orion Halo, the 300 light year diameter remains of a supernova. It is estimated that when the solar system was forming 4,540 million years ago, a supernova occurred around 100 light years away, and the heavy radioactive debris shock wave expanded at 1,000 miles/second. Most of the heavy elements including iron, silicon and calcium in the Earth and people are the stable end products of originally radioactive decay chains from the space burst fallout of a 7 x 10^{26} megatons thermonuclear explosion, created by fusion and successive neutron captures after the implosion of a white dwarf; a supernova explosion.

How would a 10^{55} megaton hydrogen bomb explosion differ from the big bang? Ignorant answers biased in favour of curved spacetime (ignoring quantum gravity!) abound, such as claims that explosions can't take place in 'outer space' (disagreeing with the facts from nuclear space bursts by Russia and America in 1962, not to mention natural supernova explosions in space!) and that explosions produce sound waves in air by definition! There are indeed major differences in the nuclear reactions between the big bang and a nuclear bomb. But it is helpful to notice the solid physical fact that implosion systems suggest the mechanism of gravitation: in implosion, TNT is well-known to produce an *inward* force on a bomb core, but Newton's 3rd law says there is an

equal and opposite reaction force *outward*. In fact, you can't have a radially outward force without an inward reaction force! It's the rocket principle. The rocket accelerates (with force $F = ma$) *forward* by virtue of the recoil from accelerating the exhaust gas (with force $F = -ma$) in the *opposite* direction! Nothing massive accelerates without an equal and opposite reaction force. Applying this *fact* to the measured 6×10^{-10} $ms^{-2} \sim Hc$ cosmological acceleration of matter radially outward from observers in the universe which was predicted accurately in 1996 and later observationally discovered in 1999 (by Perlmutter, et al.), we find an outward force $F = ma$ and inward reaction force by the 3rd law. The inward force allows quantitative predictions, and is mediated by gravitons, predicting gravitation in a checkable way (unlike string theory, which is just a landscape of 10^{500} different perturbative theories and so can't make any falsifiable predictions about gravity). So it seems as if nuclear explosions do indeed provide helpful analogies to natural features of the world, and the mainstream lambda-CDM model of cosmology - with its force-fitted unobserved *ad hoc* speculative 'dark energy' - ignores and sweeps under the rug major quantum gravity effects which increase the physical understanding of particle physics, particularly force unification and the relation of gravitation to the existing electroweak SU(2) x U(1) section of the Standard Model of fundamental forces.

Richard Lieu, Physics Department, University of Alabama, 'Lambda-CDM cosmology: how much suppression of credible evidence, and does the model really lead its competitors, using all evidence?', http://arxiv.org/abs/0705.2462.

Even Einstein grasped the possibility that general relativity's lambda-CDM model is at best just a classical approximation to quantum field theory, at the end of his life when he wrote to Besso in 1954:

'I consider it quite possible that physics cannot be based on the [classical differential equation] field principle, i.e., on continuous structures. In that case, nothing remains of my entire castle in the air, [non-quantum] gravitation theory included ...'

'Science is the organized skepticism in the reliability of expert opinion.' - Professor Richard P. Feynman (quoted by Professor Lee Smolin, *The Trouble with Physics,* Houghton-Mifflin, New York, 2006, p. 307).

'The expression of dissenting views may not seem like much of a threat to a powerful organization, yet sometimes it triggers an amazingly hostile response. The reason is that a single dissenter can puncture an illusion of unanimity. ... Among those suppressed have been the engineers who tried to point out problems with the Challenger space shuttle that caused it to blow up. More fundamentally, suppression is a denial of the open dialogue and debate that are the foundation of a free society. Even worse than the silencing of dissidents is the chilling effect such practices have on others. For every individual who speaks out, numerous others decide to play it safe and keep quiet. More serious than external censorship is the problem of self-censorship.'

— Professor Brian Martin, University of Wollongong, 'Stamping Out Dissent', Newsweek, 26 April 1993, pp. 49-50

In 1896, Sir James Mackenzie-Davidson asked Wilhelm Röntgen, who discovered X-rays in 1895: 'What did you think?' Röntgen replied: 'I did not think, I investigated.' The reason? Cathode ray expert J. J. Thomson in 1894 saw glass fluorescence far from a tube, but due to prejudice (expert opinion) he avoided investigating that X-ray evidence! 'Science is the organized skepticism in the reliability of expert opinion.' - Richard Feynman, in Lee Smolin, *The Trouble with Physics,* Houghton-Mifflin, 2006, p. 307.

Mathematical symbols in this blog: your computer's browser needs access to standard character symbol sets to display Greek symbols for mathematical physics. If you don't have the symbol character sets installed, the density symbol 'ρ' (*Rho*) will appear as 'r' and the 'π' (*Pi*) symbol will as 'p', causing confusion with the use of 'r' for radius and 'p' for momentum in formulae. This problem exists with Mozilla Firefox 3, but not with Microsoft Explorer which displays Greek symbols.

About Me

Name: nige

Currently designing secure active server page (ASP) front ends for client SQL databases. In 1982 I began programming in basic, and at college learned Fortran while a physics undergraduate a decade later. Afterwards, I switched from mainstream physics and mathematical education to part-time programming student, while working in a series of jobs

including four years in credit control. www.quantumfieldtheory.org http://glasstone.blogspot.co.uk/2015/07/capabilities-of-nuclear-weapons.html/ http://www.math.columbia.edu/~woit/wordpress/?p=273#comment-5322. http://www.math.columbia.edu/~woit/wordpress/?p=353&cpage=1#comment-8728. http://www.math.columbia.edu/~woit/wordpress/?p=215#comment-4082.

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From 1945-62, America tested 216 nuclear weapons in the atmosphere, totalling 154 megatons, with a mean yield of 713 kilotons

From 1949-62, Russia tested 214 nuclear weapons in the atmosphere, totalling 281 megatons, with a mean yield of 1.31 megatons

From 1952-8, Britain tested 21 nuclear weapons in the atmosphere, totalling 10.8 megatons, with a mean yield of 514 kilotons

From 1960-74, France tested 46 nuclear weapons in the atmosphere, totalling 11.4 megatons, with a mean yield of 248 kilotons

From 1964-80, China tested 23 nuclear weapons in the atmosphere, totalling 21.5 megatons, with a mean yield of 935 kilotons

In summary, from 1945-80, America, Russia, Britain, France and China tested 520 nuclear weapons in the atmosphere, totalling 478.7 megatons, with a mean yield of 921 kilotons

Mean yield of the 5,192 nuclear warheads and bombs in the deployed Russian nuclear stockpile as of January 2009: 0.317 Mt. Total yield: 1,646 Mt.

Mean yield of the 4,552 nuclear warheads and bombs in the deployed U.S. nuclear stockpile as of January 2007: 0.257 Mt. Total yield: 1,172 Mt.

For diffraction damage where damage areas scale as the two-thirds power of explosive yield, this stockpile's area damage potential can be compared to the 20,000,000 conventional bombs of 100 kg size (2 megatons of TNT equivalent total *energy*) dropped on Germany during World War II: (Total nuclear bomb blast diffraction damaged ground *area*)/(Total conventional blast diffraction damaged ground *area* to Germany during World War II) = $[4{,}552*(0.257\ \text{Mt})^{2/3}]/[20{,}000{,}000*(0.0000001\ \text{Mt})^{2/3}] = 1{,}840/431 = 4.3$. Thus, although the entire U.S. stockpile has a TNT *energy* equivalent to 586 times that of the 2 megatons of conventional bombs dropped on Germany in World War II, it is only capable of causing 4.3 times as much diffraction type damage area, because *any given amount of explosive energy is far more efficient when distributed over many small explosions than in a single large explosion! Large explosions are inefficient because they cause unintended collateral damage, wasting energy off the target area and injuring or damaging unintended targets!*

In a controlled sample of 36,500 survivors, 89 people got leukemia over a 40 year period, above the number in the unexposed control group. (Data: *Radiation Research,* volume 146, 1996, pages 1-27.) Over 40 years, in 36,500 survivors monitored, there were 176 leukemia deaths which is 89 more than the control (unexposed) group got naturally. There were 4,687 other cancer deaths, but that was merely 339 above the number in the control (unexposed) group, so this is statistically a much smaller rise than the leukemia result. Natural leukemia rates, which are very low in any case, were increased by 51% in the irradiated survivors, but other cancers were merely increased by just 7%. Adding all the cancers together, the total was 4,863 cancers (virtually all natural cancer, nothing whatsoever to do with radiation), which is just 428 more than the unexposed control group. Hence, the total increase over the natural cancer rate due to bomb exposure was only 9%, spread over a period of 40 years. There was no increase whatsoever in genetic malformations.

There should be a note here about how unnatural radioactive pollution is (not) in space: the earth's atmosphere is a radiation shield equivalent to being protected behind a layer of water 10 metres thick. This reduces the cosmic background radiation by a factor of 100 of what it would be without the earth's atmosphere. Away from the largely uninhabited poles, the Earth's magnetic field also protects us against charged cosmic radiations, which are deflected and end up spiralling around the magnetic field at high altitude, in the Van Allen trapped radiation belts. *On the Moon, for example, there is no atmosphere or significant magnetic field so the natural*

background radiation exposure rate at solar minimum is 1 milliRoentgen per hour (about 10 microSieverts/hour) some 100 times that on the Earth (0.010 milliRoentgen per hour or about 0.10 microSieverts/hour). The Apollo astronauts visiting the Moon wore dosimeters and they received an average of 275 milliRoentgens (about 2.75 milliSieverts) of radiation (well over a year's exposure to natural background at sea level) in over just 19.5 days. **It is a lot more than that during a solar flare, which is one of the concerns for astronauts to avoid (micrometeorites are another concern in a soft spacesuit).**

The higher up you are above sea level, the less of the atmosphere there is between you and space, so the less shielding you have to protect you from the intense cosmic space radiations (emitted by thermonuclear reactors we call 'stars', as well as distant supernovae explosions). At sea level, the air above you constitutes a radiation shield of 10 tons per square metre or the equivalent of having a 10 metres thick water shield between you and outer space. As you go up a mountain or up in an aircraft, the amount of atmosphere between you and space decreases, thus radiation levels increase with altitude because there is less shielding. ***The normal background radiation exposure rate shoots up by a factor of 20, from 0.010 to 0.20 milliRoentgens per hour, when any airplane ascends from sea level to 36,000 feet cruising altitude.*** **(The now obsolete British Concorde supersonic transport used to maintain radiation-monitoring equipment so that it could drop to lower-altitude flight routes if excessive cosmic radiation due to solar storms were detected.) Flight aircrew get more radiation exposure than many nuclear industry workers at nuclear power plants. Residents of the high altitude city of Denver get 100 milliRoentgens (about 1 milliSievert) more annual exposure than a resident of Washington, D.C., but the mainstream anti-radiation cranks don't campaign for the city to be shut to save kids radiation exposure, for mountain climbing to be banned, etc.!**

1994 revised Introduction to Kearny's Nuclear War Survival Skills, by Dr Edward Teller, January 14, 1994:

'If defense is neglected these weapons of attack become effective. They become available and desirable in the eyes of an imperialist dictator, even if his means are limited. Weapons of mass destruction could become equalizers between nations big and small, highly developed and primitive, if defense is neglected. If defense is developed and if it is made available for general prevention of war, weapons of aggression will become less desirable. Thus defense makes war itself less probable. ... One psychological defense mechanism against danger is to forget about it. This attitude is as common as it is disastrous. It may turn a limited danger into a fatal difficulty.'

Advice of Robert Watson-Watt (Chief Scientist on the World War II British Radar Project, defending Britain against enemy attacks): 'Give them the third best to go on with, the second best comes too late, the best never comes.'

From Wikipedia (a source of groupthink): 'Groupthink is a type of thought exhibited by group members who try to minimize conflict and reach consensus without critically testing, analyzing, and evaluating ideas. Individual creativity, uniqueness, and independent thinking are lost in the pursuit of group cohesiveness, as are the advantages of reasonable balance in choice and thought that might normally be obtained by making decisions as a group. During groupthink, members of the group avoid promoting viewpoints outside the comfort zone of consensus thinking. A variety of motives for this may exist such as a desire to avoid being seen as foolish, or a desire to avoid embarrassing or angering other members of the group. Groupthink may cause groups to make hasty, irrational decisions, where individual doubts are set aside, for fear of upsetting the group's balance.'

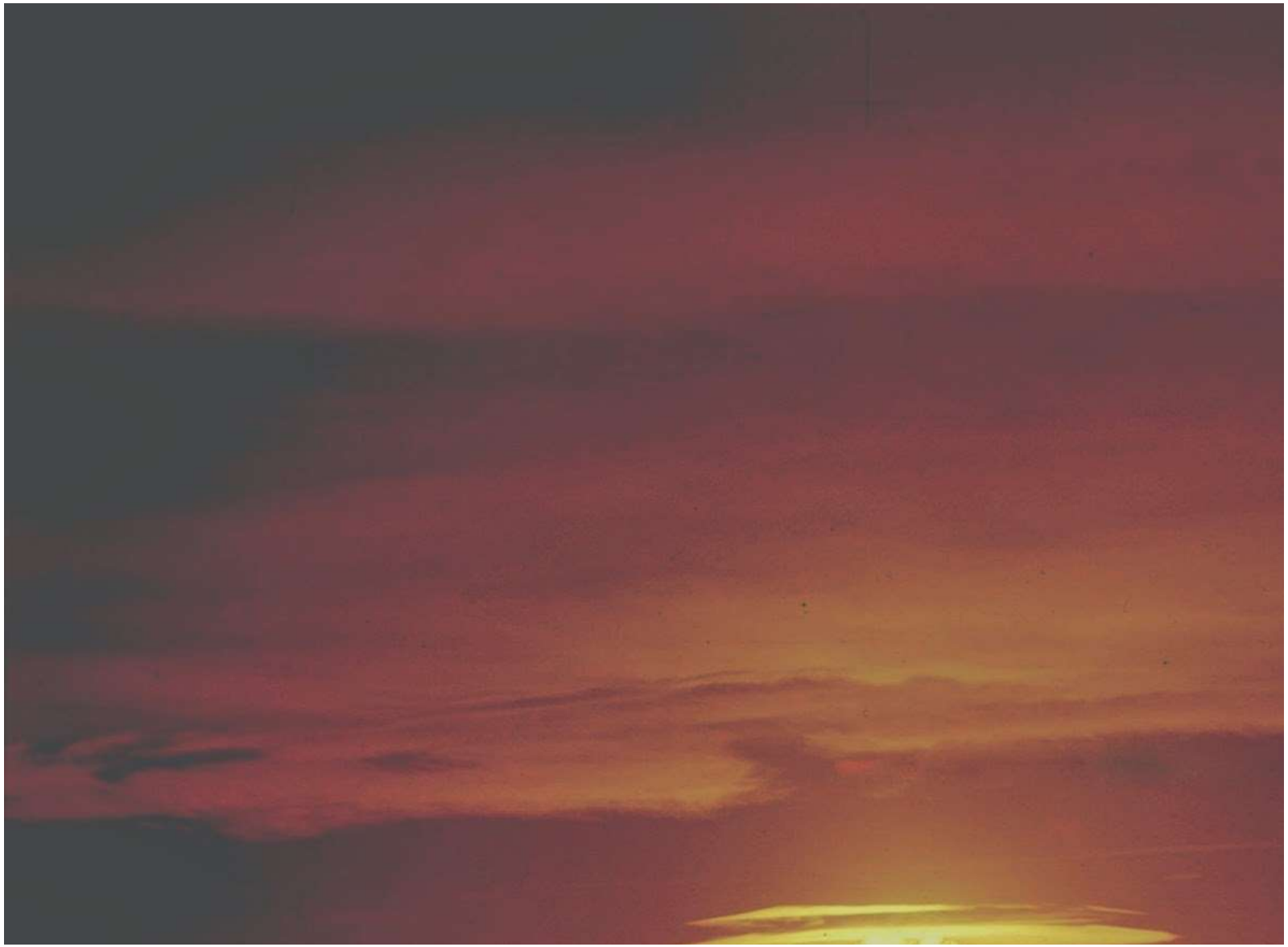
Links

- **Google News**
- **Dr Carl E. Baum's EMP theory and interaction notes**
- **The Atomic Heritage Foundation**
- **Radiation Effects Research Foundation lumps data together to cover up benefits of low dose radiation in Hiroshima and Nagasaki Life Span Study!**
- **DTRA (Defense Threat Reduction Agency) Nuclear testing histories (PDF files)**
- **Samuel Glasstone and Philip J. Dolan**
- **Carl F. Miller's fallout research at nuclear tests**

- **British Home Office Scientific Advisory Branch**
- **Samuel Cohen's book about the collateral damage averting, invasion-deterring neutron bomb he invented, and the lying political attacks he endured as a result**
- **Jerry Emanuelson's review of EMP facts, including the direct dependence of the EMP on the Earth's natural magnetic field strength at the burst location**
- **Essays by 1950s American nuclear weapon effects test (and neutron bomb design) experts, discrediting anti-civil defence propaganda**
- **Neutron bomb inventor Samuel Cohen's 2006 book on the history of the neutron bomb, the most moral weapon ever invented due to its purely military deterrent capabilities, and the pesudo-scientific propaganda war he has had to endure from the enemies of deterrence**
- **Karl-Ludvig Grønhaug's EMP reports page with useful PDF downloads on prompt EMP and MHD-EMP measurements from nuclear tests (Norwegian language)**
- **Colonel Derek L. Duke's factual book on nuclear weapons accidents, *Chasing Loose Nukes, as told to Fred Dungan***
- **The H-Bomb and the birth of the Universe: 'For 100 Million years after time began, the universe was dark as pitch. The clouds of hydrogen condensed into huge nuclear fireballs. That moment-when the universe first lit up-was the moment of creation that matters...'**
- **American *EMP Interaction* manual: comprehensive theory of both the EMP source mechanism and the EMP pick-up in cables and antenna by electromagnetic inductance (30 MB PDF file)**
- **British Mission to Japan, *The Effects of the Atomic Bombs at Hiroshima and Nagasaki*, H. M. Stationery Office, London, 1946 (high quality 42.5 MB pdf file).**
- **1950 edition (high quality 82.7 MB PDF file) of U.S. Department of Defense book *The Effects of Atomic Weapons***
- **1957 edition (high quality 90.8 MB PDF file) of subsequently deleted sections on nuclear tests of civil defense countermeasures from U.S. Department of Defense book *The Effects of Nuclear Weapons***
- **1957 edition (low quality 30.6 MB PDF file) of entire U.S. Department of Defense book *The Effects of Nuclear Weapons***
- **1962/64 edition (high quality 188 MB PDF file) of major revised sections in the U.S. Department of Defense book *The Effects of Nuclear Weapons***
- **1962/64 edition (high quality 43.8 MB PDF file) of 74 pages of subsequently deleted material dealing with thermal ignition of houses at nuclear tests and civil defense countermeasures chapter, from the U.S. Department of Defense book *The Effects of Nuclear Weapons***
- **1977 edition (single 36.8 MB PDF file) of U.S. Department of Defense book *The Effects of Nuclear Weapons***
- **Bill Forstchen, "One Second After" book about EMP attack risk and its effects on USA.**
- **U.S. Department of Energy Opennet Documents Online (includes many Nevada and Pacific nuclear test reports as PDF files)**
- **Defense Technical Information Center (DTIC)'s Scientific and Technical Information Network (STINET) Service (other declassified Nevada and Pacific test reports)**
- **Highlights from ABM testing history**
- **THAAD Goes Another ABM Test**
- **Alex Wellerstein's Restricted Data blog contains some interesting news (but beware of his uncritical use of unobstructed dry desert and nude skin thermal radiation and other effects predictions from the 1977 edition of Glasstone and Dolan; he deletes critically objective comments and pretends that honest criticisms of propaganda as being ignorant deception are rude as an excuse for ignoring the facts and refusing to engage in objective discussion of controversial aspects of this topic; basically if you pay homage and engage in groupthink bias you may be tolerated).**
- **Carey Sublette's Nuclear Weapon Archive (it contains errors from Chuck Hansen's compilation, and it is concentrated on bomb building, not on civil defence countermeasure evaluations done at nuclear tests; note that Chuck Hansen's books and CDs**

give a false quotation from Neil O' Hines's book *Proving Grounds*on the effects of the 1952 Mike explosion on nearby Engebi Island, where Hines later in the book states that the native rats in fact *survived the intense close-in blast, heat and fallout under a few unches of soil, despite the initial ignorant belief that they could not have survived!!!*)

- **Quantum Field Theory**
- **Los Alamos Science journal**
- **Excellent particle physics gauge theory (fundamental force interaction) issue of Los Alamos Science journal**
-



Chemical and Biological Warfare Protective Measures

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Russian GRU spies, Novichok, and World War III: ho...

Americium-241 gamma radiation from smoke detectors...

New data on the Hiroshima firestorm on fallout eff...

The January 1955 secret Fallout symposium of the A...

Racist socialist and hatred inciting propaganda fr...

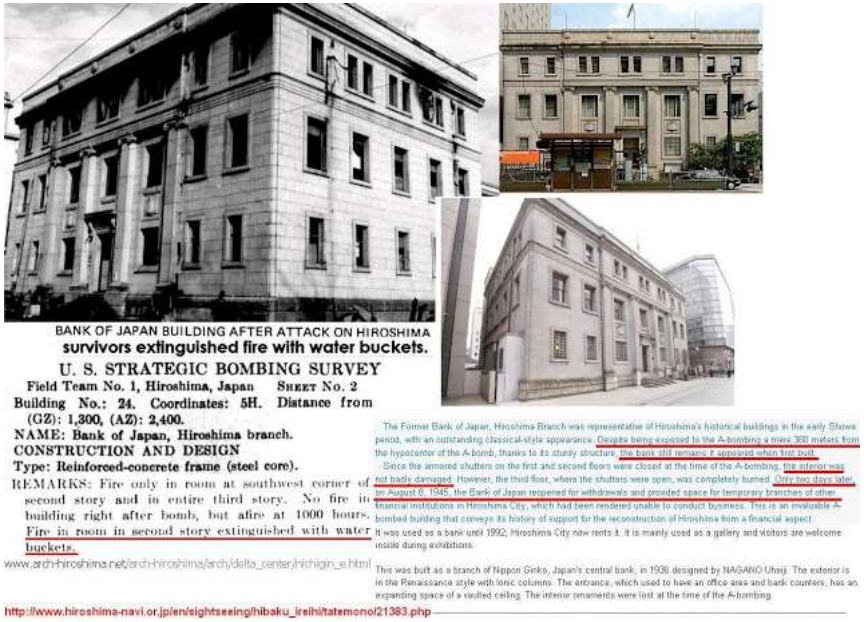
1929 photo of Dr Samuel Glasstone for a Leeds Merc...

The North Korean Missile Crisis (it's more of a ha...

New photos of non-collapsed Nevada houses after 5 ...

British Restricted manual, An Introduction to Nucl...

Anti nuclear terrorist Jeremy Corbyn



The Bank of Japan, Hiroshima, survived 380 m from Ground Zero, within the firestorm area, when fires were extinguished by water buckets by its survivors, the majority of people in the building having survived. Secret US Strategic Bombing Survey report proves civil defense for modern concrete buildings is effective. The building was reopened as a bank on 8 August, merely two days after nuclear attack, and continued in use as a bank until 1992. It remains in Hiroshima. This beautifully designed and sturdy reinforced concrete building was designed in 1936 by Nagano Uheiji. Cook's law: "Any man called Godwin who claims it is immoral to learn the lessons from the results of Nazi racist eugenics pseudoscience and to apply those lessons to those terrible media dominating celebrity-taboo-lovers who appease, cover-up, or defend the continuation of an evil, irrational pseudoscience which is causing unnecessary suffering today, *is defending injustice, inhumanity and irrational consensus evil and is not behaving as a humane, objective, person.* We need to ensure that the worst mistakes of the past are never repeated, if we are just, moral and caring towards our fellow human beings who do not deserve to be fed lies and dangerously complacent one-sided, biased propaganda based on a populist love of obsolete dogma, and/or a hatred of the search for objective fact, by pseudo-educationalists who prefer to live in utopia than in the real world of their fellow folk!"